Rec'd 3/17/97 TWL

THE KAY COMPANIES

FEDEX 3/11/97

March 11, 1997

Mr. Thomas Klinger
Site Mitigation Unit Supervisor
Health Hazardous Materials Division
5825 Rickenbacker Road
Commerce, CA. 90040-3027

AKA MONDO's SHOW CHROME/TEDESCO

RE: Letter dated March 5, 1997 to Mr. Joseph Tedesco regarding 4933 Firestone Blvd., South Gate, CA.

Dear Tom:

Per our conversation, I am writing you this letter to express our desire to continue having your "Site Mitigation Unit" oversee our project.

As you are aware, Frey Environmental, Inc. represents us on the above mentioned site. I have made them aware of your letter and your request regarding our site. I will confer with them the end of March to see how best to proceed.

As I mentioned in our phone conversation, I am concerned about the hourly price and how we can best control costs relating to this project. It has always been our desire to have this project completed in the most cost effective way possible.

I look forward to discussing this further with you.

Best regards,

Howard

Howard L. Kay,
agent for Tedesco Leasing

cc: Joseph Tedesco

Joe Frey

475 Seventeenth Street, Suite 940, Denver, Colorado 80202
303/292-6357 FAX 303/292-2149

FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessor

2817 A Lafayette Avenu
Newport Beach, CA 9266
(714) 723-1645
Fax (714) 723-185

FACSIMILE TRANSMITTAL SHEET

To:

COMPANY: Los Angeles County Fire Department

ATTENTION: Judy Watkins

TELECOPY NUMBER: 213-724-5976

FROM:

NAME: Evan Prinett

DATE: 6-25-96

TIME: 5:50

SUBJECT: Mondo Chrome

Total Number of Pages: 12
(Including transmittal sheet)

PLEASE NOTIFY US PROMPTLY IF YOU DO NOT RECEIVE ALL PAGES

- Pages 3 and 5 of workplan
- Revised figure for workplan
- Revised Health and Safety Plans

I'm going on vacation tomorrow. Please direct correspondence to Joe Frey. We plan to start Thursday around 8:30 a.m. Thanks for your cooperation

Evan

3.0 OBJECTIVES

The objectives of this scope of work are to: 1) further assess the presence of chromium and cadmium in subsurface soils beneath the processing room of the Site; 2) assess the presence of volatile organic compounds (VOCs) in subsurface soils south of boring B10; 3) install a vapor extraction well, and; 4) assess the presence of VOCs in the vapor phase in subsurface soils.

4.0 SCOPE OF WORK

The scope of work presented below is designed to provide the information needed to meet the objectives of the investigation.

4.1 PROJECT IMPLEMENTATION

Prior to commencement, activities to be conducted include: 1) preparation of a health and safety plan; 2) notification of Tedesco Leasing and LACFD personnel; 3) scheduling of drillers and other subcontractors.

4.2 SUBSURFACE SOIL INVESTIGATION

4.2.1. Limited Metals Sampling

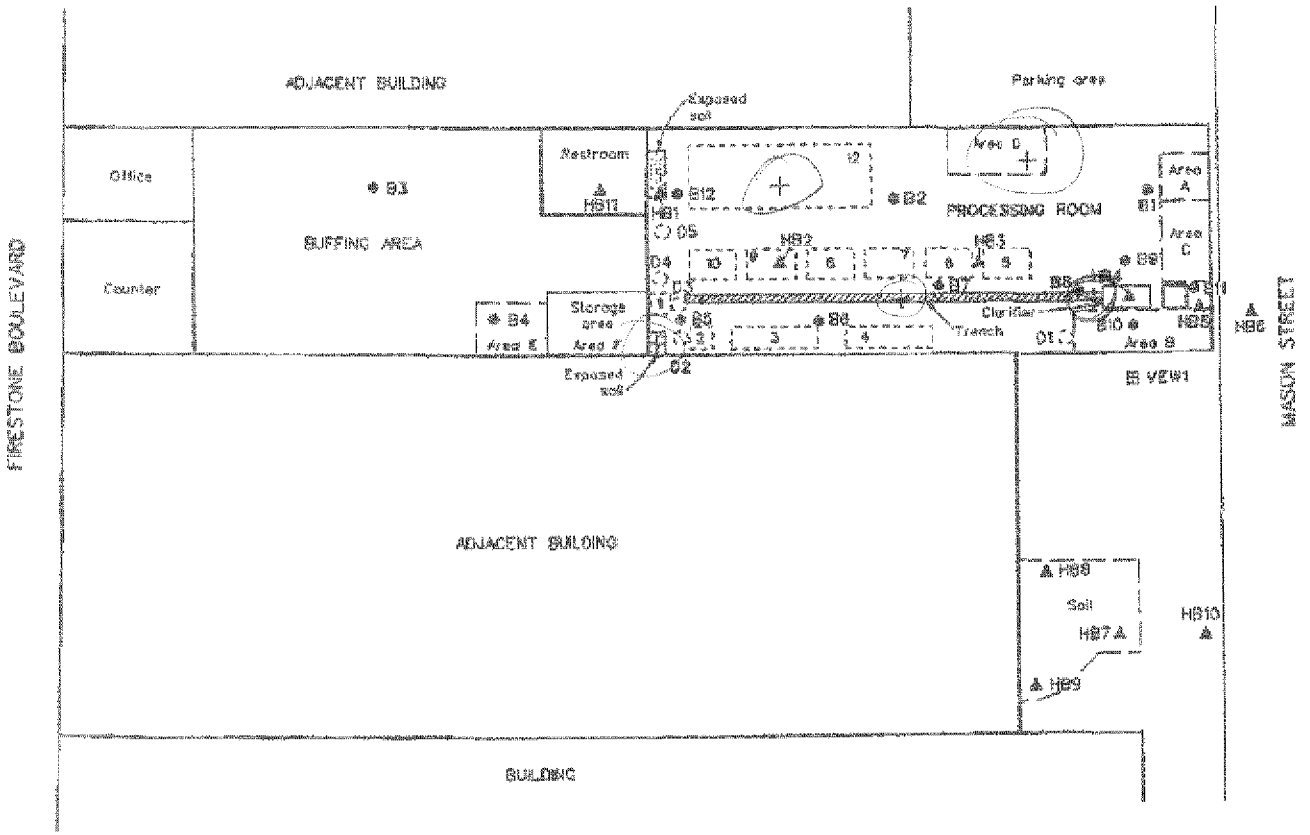
Five holes will be cored in concrete in the locations shown on Figure 2 in order to further assess the presence of selected metals in near surface soils. Soil samples will be collected immediately beneath the concrete at each soil sampling location. The excavated holes will be backfilled with concrete. OK

4.2.2 Drilling and Soil Sampling

One soil boring is proposed to be drilled and one vapor extraction well installed in the location shown on Figure 2. VEW1 is proposed to be located approximately ten feet south of the former clarifier in order to assess the southern extent of VOCs in subsurface soils. In addition, VEW1 will provide information about the vertical extent of VOCs in subsurface soils.

Boring VEW1 will be hand excavated to approximately 4 feet BGS, if possible, in an attempt to locate and avoid piping. Boring VEW1 will be drilled to a final depth of 55 feet BGS with a truck mounted drilling rig using 8-inch outer diameter continuous flight hollow-stem augers. Groundwater is anticipated at approximately 53 feet BGS.

Revised 06/26/96



EXPLANATION

D1	FORMER ASOVE GROUND PROCESS TANK LOCATION
▲ HB6	HAND AUGER BORING LOCATION
● B11	BORING LOCATION
○ D5	FORMER DRUM/MISCELLANEOUS CONTAINER LOCATION AND DESIGNATION
EI VEW1	PROPOSED VAPOR EXTRACTION WELL LOCATION
+	PROPOSED SOIL SAMPLING LOCATION

Notes:

1) All locations and dimensions are approximate.
2) Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Figure Mesh, Inc., project no. 94-18-1520, dated August 1994.

NORTH

0 10 20

SCALE IN FEET

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING Project No.: 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH
SHOWING PROPOSED VAPOR EXTRACTION WELL AND SOIL SAMPLE LOCATIONS

Date: JANUARY 1996 Figure 2

172D1-2.DSH

JUN 25 '96 05:52 FREY ENVIRONMENTAL EXT P.02

REVISED HEALTH AND SAFETY PLAN

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

PROJECT NO. 172-01

FREY ENVIRONMENTAL, INC.
2817 A Lafayette Avenue
Newport Beach, CA 92663

June 24, 1996

Reviewed by:

Project Manager	Date
Site Geologist	Date
Driller	Date
Driller's Assistant	Date
Visitor	Date

1.0 INTRODUCTION

FREY Environmental, Inc. (FREY), has been retained by Tedesco Leasing to drill and install one vapor extraction well and collect five soil samples at 4933 Firestone Boulevard in Southgate, California (Site).

This document presents the health and safety procedures that are intended to guide field activities at the Site. The provisions of this plan apply to employees of FREY and its subcontractors. Regulatory agencies are expected to observe the safety rules and regulations established by their respective organizations in addition to the requirements of this document.

2.0 PROJECT SAFETY PERSONNEL

2.1 SAFETY PERSONNEL

FREY has been responsible for the preparation of this health and safety plan, and is to monitor compliance of its personnel, those of its subcontractors and visitors to the Site, with its provisions. FREY personnel responsible for the distribution of this health and safety plan and for the compliance audit are the Site Safety Officer and/or Project Manager.

The Project Safety Officer is responsible for delivering the plan and any addenda to the Project Manager and for advising the Project Manager and Site Safety Officer on health and safety provisions of this plan, suspend work or modify work practices for safety reasons, and to dismiss individuals whose conduct on site endangers the health and safety of others.

The Project Manager is responsible for distributing the plan to all FREY field personnel and to an authorized representative of each firm contracted to assist with on-Site work. The Project Manager is also responsible for implementing the provisions of this plan and its addenda. Implementation will include training of field personnel involved with the project, provision for the appropriate safety equipment, and that the required health and safety documents are submitted to the Project Safety Officer.

The Site Safety Officer is responsible for assisting the Project Manager with on-Site implementation of this Site safety plan. His responsibilities include: 1) maintaining safety equipment supplies, 2) performing air quality measurements as required or needed, 3) directing decontamination operations and emergency response operations, 4) setting up work zone markers and signs if such zones are specified in the Site safety plan, and 5) reporting all accidents, incidents, and infractions of safety rules and requirements to the Project Manager and the Project Safety Officer.

The Site Safety Officer has the authority to suspend work any time he determines that the provisions of the Site safety plan are inadequate to provide a working environment conducive to worker safety and he is to inform the Project Manager of individuals whose on-Site presence jeopardizes their health and safety or the health and safety of others.

3.0 WORK DESCRIPTION

- Drill one soil boring to a depth of 60 feet below the ground surface (BGS);
- Collect soil samples at five foot soil intervals beginning at five feet BGS;
- Construct a vapor extraction well in the boring and encase the top in a traffic rated wellbox;
- Concrete core five previously selected areas inside the Site building;
- Collect soil samples from a depth of one foot BGS in the five cored areas of the Site, and;
- Conduct a vapor extraction test on the newly installed vapor extraction well within two weeks of the well installation date.

4.0 HAZARD ASSESSMENT

According to available information, the major chemical compounds of concern most likely to be encountered during the work appear to be volatile organic compounds (VOCs). Based on previous investigations, perchloroethylene (PCE) appears to be the VOC most likely to be encountered during Site operations. The overall hazard to FREY personnel and associated subcontractors is estimated to be low. The following is a brief description of the potential hazards associated with these compounds:

4.1 HAZARDOUS CHEMICAL COMPOUNDS

4.1.1 CHLORINATED SOLVENTS

PCE has been tentatively classified as a known or suspected human or mammalian carcinogens. Direct skin or eye contact or exposure to high vapor concentrations may result in dermatitis, eye and/or lung irritation; acute overexposure may cause central nervous system depression, liver and or kidney damage, convulsions, coma, and even death. Symptoms can include headache, nausea, dizziness, increased perspiration, staggering gait, and slowing of mental ability.

A. Anticipated Concentrations: If present, levels resulting from soil vapor emissions or volatilization could range from low parts per billion to low parts per million in the open air and breathing zones of site personnel. All site activities will be conducted in the open air; no personnel will be permitted to enter enclosed or poorly ventilated areas on the site.

B. Exposure Routes: Inhalation, dermal/eye contact, absorption

C. PCE Exposure Limit -100 ppm TWA/200 ppm Ceiling (OSHA PEL)

4.1.2 METALS

Chromium has been detected in previous investigations and direct skin or eye contact or exposure to high vapor concentrations may result in dermatitis, eye and/or lung irritation or ulcers. Acute overexposure may cause central nervous system depression, or damage to the liver, kidney, skin, intestines or eyes.

A. Anticipated Concentrations: If present, levels resulting from soil vapor emissions or volatilization could range from low parts per billion to low parts per million.

B. Exposure Routes: Inhalation, dermal/eye contact, absorption

C. Chromium Exposure Limit -0.1 ppm

D. Immediately Dangerous to Life 30 ppm

4.2 INHALATION HAZARD

The major toxicity concern is PCE. PCE has a Threshold Limit Value (TLV) of 25 ppm, which is defined as the average exposure for a period of 8 hours per day, 5 days per week that is believed will not cause harm to worker health.

Vapor concentrations expected to encountered during soil boring activities are not expected to exceed recommended exposure limits, based on available Site information. However, respiratory protection (level C) must be used if concentrations reach 10 ppm.

4.3 DERMAL EXPOSURE HAZARD

Contact of sufficient duration to cause significant absorption of toxic components is highly unlikely. Repeated daily or prolonged contact with excavated objects or soils may be expected to defat the skin and perhaps, over a long period of time, lead to irritation and dermatitis. For this reason, direct contact with highly contaminated objects or soils should be avoided when possible by wearing gloves. However, if prolonged skin contact does occur, the exposed areas shall be washed with soap and water and rinsed thoroughly.

4.4 EXPLOSION HAZARD

PCE and chromium are not susceptible to explosions except under extreme temperatures which will not be attained during Site work. Explosive Limits have been listed as not applicable for PCE and chromium.

4.5 OTHER HAZARDS

Sufficient attention must be paid to other possible hazards on the Site including but not limited to:

- improper use of hand tools,
- heavy equipment operation,
- tripping on objects or open ditches,
- dehydration or sun stroke of the personnel, and
- lack of oxygen through blockage of face masks.

5.0 GENERAL HEALTH AND SAFETY REQUIREMENTS

5.1 SAFETY ORIENTATION MEETING

All field personnel should attend a safety orientation meeting before commencing the field work. The meeting will be scheduled and conducted by the project manager or the Site safety officer. The meeting will include presentation of the health and safety plan.

5.2 WORK ZONE

A restricted zone will be maintained to a distance of 25 feet from the work activity area if significant soil contamination is detected in the field. Protective clothing and equipment, as described in subsection 5.3 are to be worn by all personnel working within the restricted zone.

5.3 PROTECTIVE EQUIPMENT AND CLOTHING

5.3.1 EQUIPMENT REQUIRED FOR FIELD PERSONNEL (LEVEL D)

- o Full length trousers, shirts
- o Leather work shoes or Safety Boots
- o Hard hats when near the bucket dig or loader
- o Glasses or Goggles

5.3.2 EQUIPMENT REQUIRED TO BE AVAILABLE ON SITE

- o Two respirators (half-mask with organic vapor cartridges)
- o Disposable Coveralls
- o Gloves
- o First-aid kit
- o Fire extinguisher
- o A vehicle must be kept on Site when personnel are working for the transport of slightly injured personnel to the hospital. Severely injured personnel MUST ONLY be transported by paramedics.

5.3.3 RESPIRATOR USAGE

The Project Safety Officer and/or the Project Manager is responsible for deciding if respirators should be used. Usage would be based on OVM measurements. The TLV concentrations as noted in section 4.1 should be used as the critical concentration. If concentrations of organic vapors in the ambient air (as measured by the OVM) exceed 25 ppm, the field personnel must move out of the area. If the concentration remains at or above the TLV for more than 5 minutes, the Project Safety Officer and/or the Project Manager should be contacted and a decision made regarding whether to proceed with the work wearing respirators and extending the restricted work zone.

Cartridges for the respirators must be replaced daily or when break-through occurs, whichever occurs first.

6.0 ORGANIC VAPOR MONITORING

The organic vapor concentrations (as measured by the OVM) in the breathing zone of the individual working closest to the vapor source will be monitored as needed. Respirators must be worn if the concentrations are equal to or greater than the TLVs for the chemicals exposed.

7.0 EMERGENCY RESPONSE PROCEDURES

7.1 PHYSICAL INJURY

In the event of an accident resulting in physical injury, apply first aid. Severely injured personnel are to be transported only by paramedics and/or by ambulance personnel. At the hospital, a physicians attention is mandatory regardless of how serious the injury appears.

The Project Manager is to be notified by the Site Safety Officer, as soon after the injury as practical, regarding the nature of the accident. A written report is also to be prepared and submitted by the Site Safety Officer.

7.2 FIRE, EXPLOSION, AND PROPERTY DAMAGE

In the event of a fire or explosion, notify the Fire department immediately by dialing 911.

The Project Manager is to be notified by the Site Safety Officer as soon as practical and a written report prepared.

7.3 EMERGENCY TELEPHONE NUMBERS

Fire Department/Paramedics.....911

Police Department 911

7.4 WORK SITE ADDRESS

4933 Firestone Boulevard
Southgate, California

7.5 HOSPITAL ADDRESS AND ROUTE

Rancho Los Amigos Medical Center
7601 East Imperial Highway
Downey, CA

(310) 922-7111

ROUTE
Proceed west on Firestone Boulevard for approximately two hundred yards.
Turn south (left) on Atlantic Avenue and proceed south for approximately 1 1/2 miles.
Turn east (left) on Imperial Highway and proceed for approximately 2 miles.
The entrance to the hospital is on the north (left) side of the street.

8.0 PROJECT PERSONNEL

Project Safety Officer/Manager	Evan Privett
Site Safety Officer and Field Personnel	Chuck Hester
Drilling Contractor	Discovery Drilling
Concrete Coring Contractor	Mulder Concrete


704
LOS ANGELES CO.
SOUTH GATE
HUNTINGTON PARK
CUDAHY
BELL
CALIFORNIA AV
ATLANTIC
IMPERIAL
GARFIELD AV
LONG BEACH FRWY
LOS ANGELES RIVER
706

FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessors

2817 A Lafayette Avenue
Newport Beach, CA 92663
(714) 723-1645
Fax (714) 723-1854

FACSIMILE TRANSMITTAL SHEET

To:

COMPANY: Los Angeles County Fire Department

ATTENTION: Judy Watkins

TELECOPY NUMBER: 213-724-5976

FROM:

NAME: Evan Frey

DATE: 6-25-96

TIME: 2:20

SUBJECT: Mono Cabins

Total Number of Pages: 22
(Including transmittal sheet)

PLEASE NOTIFY US PROMPTLY IF YOU DO NOT RECEIVE ALL PAGES

WORKPLAN
LIMITED SUBSURFACE SOIL INVESTIGATION AND THE CONDUCT OF A VAPOR EXTRACTION TEST

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Prepared for:

LOS ANGELES COUNTY FIRE DEPARTMENT
5825 Rickenbacker Road
Commerce, California 90040

Prepared by:

FREY Environmental, Inc.
2817A Lafayette Ave.
Newport Beach, California 92663
(714) 723-1645

Project No.: 172-01

June 4, 1996

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APPENDICES

1.0 INTRODUCTION

This workplan presents the proposed scope of work to conduct a limited subsurface soil investigation, install one vapor extraction well and assess the feasibility of future soil remediation activities at the former Mondo Chrome facility located at 4933 Firestone Boulevard in South Gate, California, (Site - Figure 1).

1.1 BACKGROUND

1.1.1 Historical Site Usage

The Site was used as a machine shop between 1972 and 1982 and as a chrome plating shop from approximately 1982 through 1990. The Los Angeles County Fire Department (LACFD) responded to a reported hazardous materials spill at the Site in July of 1990. The LACFD issued a violation to the Site occupant, who has apparently fled the area, for the improper storage of hazardous materials and the use of leaky storage vessels (Fugro, 1994).

1.1.2 Hazardous Materials Removal

Chem-Tech was hired to prepare a list of materials on the Site. Chemicals stored at the Site included the following: Alkaline metal solutions, chrome solutions, nickel solutions, flammable liquids, nickel /chrome sludge, acidic nickel solutions, solidified alkaline cleaner, and dry cyanide compounds. Tedesco Leasing, the Site owner, hired a contractor to remove and dispose of the hazardous materials (Fugro, 1994).

1.1.3 Subsurface Soil Investigation

Applied Geosciences drilled 11 borings with a hand auger and advanced 12 borings with a drilling rig in 1992. Selected soil borings were advanced to maximum depths of 40 feet below the ground surface (BGS). Groundwater was not encountered during this investigation. Soil samples were collected and analyzed for the presence of chemicals formerly stored at the Site which included volatile organic compounds (VOCs), selected metals, pH and cyanide. Soil sample results have been summarized in Table 1 (Fugro, 1994). Soil boring locations are shown on Figure 2.

Perchloroethylene (PCE) was detected in concentrations up to 41,000 parts per billion (ppb) in soil samples collected during the subsurface soil investigation. In general, concentrations of PCE decrease with depth and decrease from east to west across the Site. Concentrations of total chromium and hexavalent chromium were also detected in soil samples collected and analyzed as part of this investigation. Concentrations of all samples analyzed for chromium did not exceed respective total threshold limit concentrations or respective soluble threshold limit concentrations (Fugro, 1994).

2.0 SITE DESCRIPTION

2.1 SURFACE CONDITIONS

The Site is located on the north side of Firestone Boulevard approximately 300 feet to the east of the intersection of Atlantic Boulevard in South Gate, California. The Site is bound on the west by a clothing manufacturer, on the east by an auto parts reseller, on the north by Mason Street and a thread shop, and on the south by Firestone Boulevard and a motel. The Site topography slopes gradually to the southeast and has an elevation of approximately 110 feet above mean sea level (USGS, 1964).

2.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

The Site is located within the Central Basin Pressure Area of the Downey Plain which is a subgroup of the Coastal Plain of Los Angeles County. The Downey Plain is a depositional feature consisting of alluvial fans from the Los Angeles River and Rio Hondo-San Gabriel River Systems (DWR, 1961). Subsurface soils encountered beneath the Site consist primarily of fine grained sediments such as clays and silts (Fugro, 1994). These types of sediments are characteristic of the depositional environment associated with meandering streams and rivers.

The Central Basin Pressure Area is characterized by the presence of many aquicludes, most notably the Bellflower aquiclude consists of a low permeability silts and clays that separate near surface water from the deeper water bearing zones. The Bellflower aquiclude is estimated to be located approximately 65 feet beneath the Site and have a thickness of approximately 60 feet in this area (DWR, 1961).

The Gaspur aquifer and the Lakewood Formation are water bearing units which are located beneath the Bellflower aquiclude beneath the Site. The Lakewood Formation has several water bearing units including the Artesia, Exposition, Gage and Gardena aquifers. The San Pedro Formation underlies the Lakewood Formation and has several water bearing units including the Hollydale, Jefferson, Lynwood, Silverado and Sunnyside aquifers (DWR, 1961).

The nearest groundwater well to the Site is located at an ARCO service station at 4861 East Firestone Boulevard in South Gate. The ARCO station is located approximately 0.2 miles to the west of the Site. Depth to groundwater is approximately 53 feet BGS at the ARCO. Groundwater has been estimated to flow toward the south to southwest at the ARCO station (Fugro, 1994).

3.0 OBJECTIVES

The objectives of this scope of work are to: 1) further assess the presence of chromium and cadmium in subsurface soils beneath the processing room of the Site; 2) assess the presence of volatile organic compounds (VOCs) in subsurface soils south of boring B10; 3) install a vapor extraction well, and; 4) assess the presence of VOCs in the vapor phase in subsurface soils.

4.0 SCOPE OF WORK

The scope of work presented below is designed to provide the information needed to meet the objectives of the investigation.

4.1 PROJECT IMPLEMENTATION

Prior to commencement, activities to be conducted include: 1) preparation of a health and safety plan; 2) notification of Tedesco Leasing and LACFD personnel; 3) scheduling of drillers and other subcontractors.

4.2 SUBSURFACE SOIL INVESTIGATION

4.2.1. Limited Metals Sampling

Five holes will be cored in the concrete in the locations shown on Figure 2 in order to further assess the presence of selected metals in near surface soils. A hand auger will be used to excavate a hole approximately one foot deep for each soil sampling location. Soil samples will be collected at a depth of approximately one foot BGS. The excavated holes will be backfilled with concrete.

directly beneath the concrete

4.2.2 Drilling and Soil Sampling

One soil boring is proposed to be drilled and one vapor extraction well installed in the location shown on Figure 2. VEW1 is proposed to be located approximately ten feet south of the former clarifier in order to assess the southern extent of VOCs in subsurface soils. In addition, VEW1 will provide information about the vertical extent of VOCs in subsurface soils.

Boring VEW1 will be hand excavated to approximately 4 feet BGS, if possible, in an attempt to locate and avoid piping. Boring VEW1 will be drilled to a final depth of 55 feet BGS with a truck mounted drilling rig using 8-inch outer diameter continuous flight hollow-stem augers. Groundwater is anticipated at approximately 53 feet BGS.

Soil samples will be collected at 5 foot depth intervals from 5 feet below the ground surface (BGS) to the bottom of the boring. All drilling and soil sample collection procedures will be done in general accordance with applicable regulations and accepted engineering practice and protocol. Soil samples will be screened in the field with a photoionization detector (PID) for VOCs. Drilling and soil sampling procedures are described in Appendix A.

4.2.3 Vapor Extraction Well Installation

Soil boring VEW1 will be converted into a vapor extraction well upon completion. VEW1 will be constructed of two-inch diameter, schedule 40 PVC screened casing and blank. Screened casing will extend from the approximately 50 feet BGS to 20 feet BGS. Blank casing will extend from approximately 20 feet BGS to the surface. The screened interval for VEW1 may be adjusted based upon VOC readings and other observations made at the time of drilling. Vapor extraction well construction procedures are discussed in greater detail in Appendix A.

4.2.4 Soil Disposal

Soils generated during the conduct of boring operations will be temporarily stored on-site under plastic. Soil will be transported off-site and disposed of at an appropriate facility pending laboratory results.

4.3 SOIL VAPOR EXTRACTION TEST

A vapor extraction/ air permeability test will be conducted on VEW1 to assess soil vapor characteristics of subsurface soils beneath the Site. Soil vapor probes will be installed prior to the conduct of the vapor extraction test. Soil vapor probes will be installed in two of the same locations as were used for the collection of the metal samples. A diagram of a typical soil vapor probe is shown in Appendix B. Depth of the soil vapor probes will be adjusted based upon the screened interval of VEW1. The soil vapor probes will be installed with a limited access drilling or direct push rig.

A series of vapor extraction tests will be conducted using VEW1 as the extraction well. The vapor extraction test will consist of the application of a steady vacuum to well VEW1 equivalent to minimum water columns of 10, 20 and 30 inches of water. Vacuums will be applied for a minimum of 1 hour for each test or until steady state conditions are reached. The vacuum will be applied using a trailer mounted positive displacement blower in combination with two-200 pound carbon canisters in series for emissions control.

A PID will be used to measure influent vapor concentrations throughout the vapor extraction test. Two vapor samples will be collected and submitted to a state of California certified laboratory for analysis. The vacuum pump will be shut off once steady state conditions have been achieved. Pressure recovery rates will be measured after the vacuum pump has been shut off.

5.0 LABORATORY ANALYSES

Six soil samples collected from boring VEW1 will be submitted to Calscience Environmental Laboratories (CEL), a state of California certified hazardous waste testing facility located in Stanton, California, for chemical analysis. Soil samples submitted will be analyzed for VOCs in general accordance with EPA Method No. 8010. Soil samples collected from the six hand auger borings will be submitted to CEL and analyzed for total chromium, hexavalent chromium and cadmium in general accordance EPA Method Nos.200.7, 7196 and 200.7, respectively. Soil vapor samples will be analyzed in general accordance with EPA TO-14 by CEL.

6.0 EVALUATION AND REPORT PREPARATION

The results of the site investigation, field measurements and observations, and chemical analyses of soil and vapor samples will be evaluated and interpreted in context with the existing on-site soil conditions and the hydrogeological setting.

The air permeability test data will be analyzed with consideration of other site characteristics including: soil stratigraphy, depth to groundwater, aquifer permeability, residual concentrations of petroleum hydrocarbons, and the distribution of the VOCs in the soil. This data will provide useful information for assessing potential system performance and design. Depending on the test results, information gathered during conduct of the test can include: the air permeability of distinct soil layers, the radius of influence of vapor wells, vapor concentrations, projected removal rate estimates, vapor flow rate estimates, and applicable vapor treatment system types.

7.0 SCHEDULE

Drilling and well installation and soil sampling activities can be completed in approximately one day following approval to proceed. The soil monitoring probe installation and the conduct of the vapor extraction test will require approximately one day each. A report can be issued approximately 4 weeks after receipt of laboratory data.

Very truly yours,
FREY Environmental, Inc.

Joe Frey
Principal Certified
Engineering Geologist
CEG #1500

Evan Privett
Project Engineering Geologist

REFERENCES

DWR (Department of Water Resources), 1961, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County, Bulletin No. 104, reprinted 1988.

Furgo West, Inc., 1994, Proposed Site Assessment, Former Mondo Chrome Facility, 4933 Firestone Boulevard, South Gate, California, unpublished document dated August, 1994.

USGS (United State Geologic Survey), 1966, 7.5-minute topographic quadrangle of Hollywood, California, photorevised 1981

TABLE

(Samples Collected by Applied Geosciences, Inc.)

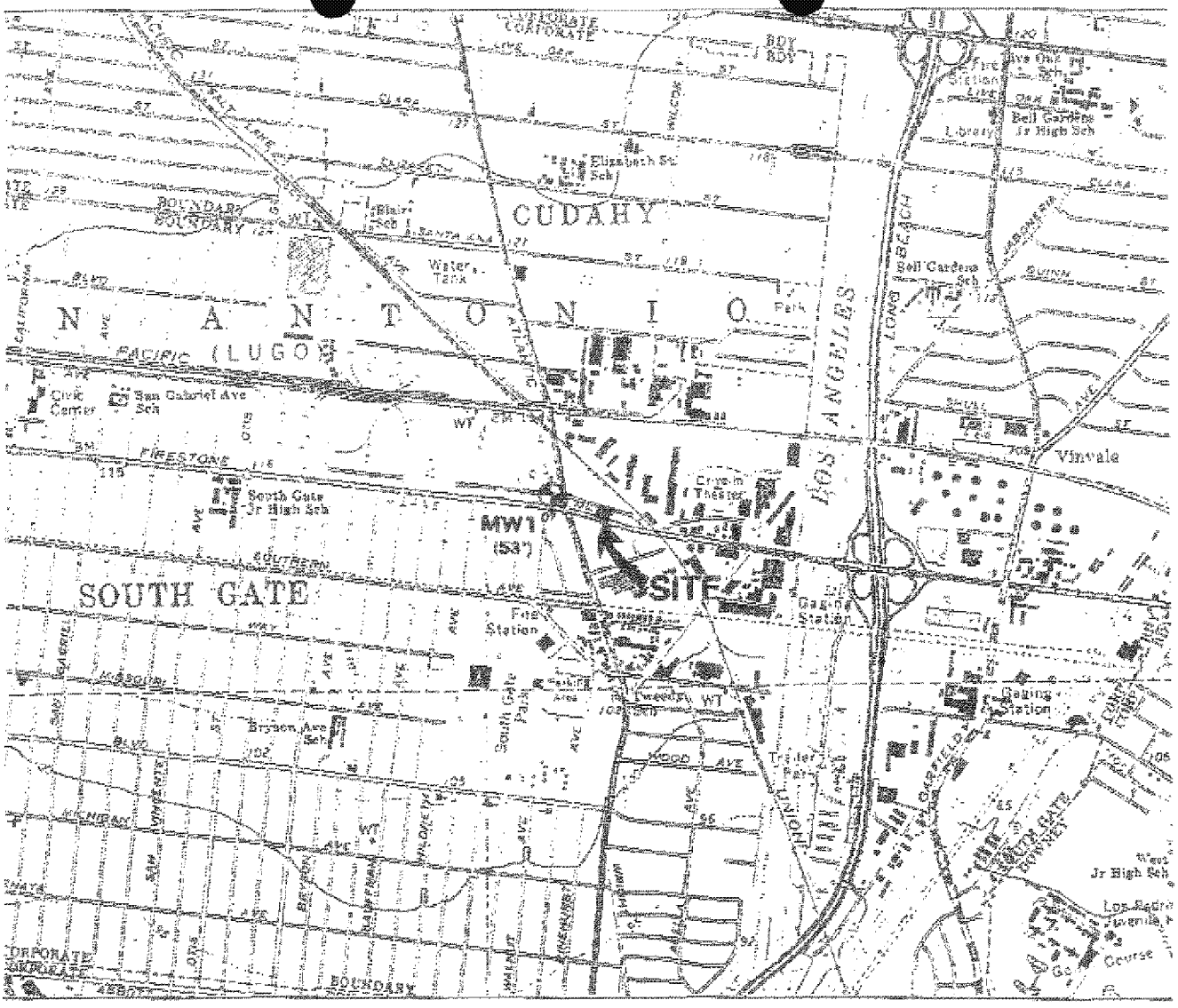
Boring No.	Depth (feet)	PCE (ppb)	Data in Parts per Million			
			Total Chromium	Soluble Chromium	% Soluble Chromium (VI)	Total Chromium (VI)
HB-1	2	40	18.2	--	--	--
	5	40	14.1	--	--	--
	10	30	13.7	--	--	--
HB-2	2	--	195	10.7	--	--
HB-3	2	--	75.7	2.9	--	--
	5	--	235	6.5	--	--
	10	--	158	6.1	--	--
HB-4	5	470	137	6.8	--	--
	10	30	67.8	3.4	--	--
	15	20	45	--	--	--
HB-5	2	240	45.8	--	--	--
	5	41,000	124	1.8	--	--
	10	20	38.6	--	--	--
	15	ND	22.4	--	--	--
HB-6	1	51	57.2	1.7	--	--
	5	6	11.5	--	--	--
	10	30	18.2	--	--	--
HB-7	1	ND	149	12.9	--	--
	5	ND	95.4	8.6	--	--
	10	8	17.8	--	--	--
HB-8	2	--	20.9	--	--	--
	5	--	32.1	--	--	--
	10	--	22.7	--	--	--
HB-9	2	--	14.5	--	--	--
	5	--	12.6	--	--	--
	10	--	35.4	--	--	--
HB-10	2	--	102	42	--	--
	5	--	42.8	--	--	--
	10	--	16	--	--	--
HB-11	2	77	--	--	--	--
	5	4	--	--	--	--
	10	85	--	--	--	--
	15	72	--	--	--	--
B-1	2	10	10.8	--	--	--
	5	ND	11	--	--	--
	10	30	21.4	--	--	--
B-2	2	100	399	18.1	0.59	7.1
	5	20	116	3.4	--	--
	10	140	126	4.4	--	21
	15	58	162	6.9	4.2	--
	20	ND	71	2.6	--	--
B-3	2	ND	9.2	--	--	--
	5	ND	10.3	--	--	--
	10	ND	13	--	--	--
B-4	2	--	--	--	--	--
	5	--	--	--	--	--
B-5	2	ND	8.8	--	--	--
	5	ND	9.4	--	--	--
	10	10	15.2	--	--	--
B-6	2	57	10.5	--	--	--
	5	ND	9	--	--	--
	10	27	13.8	--	--	--
B-7	2	8	52	2.3	--	--
	5	50	28.7	--	--	--
	10	150	26.2	--	--	--
	15	ND	13.5	--	--	--

Table 1. (Continued)

Boring No.	Depth (feet)	PCE (ppb)	Data in Parts per Million			
			Total Chromium	Soluble Chromium	Soluble Chromium (VI)	Total Chromium (VI)
B-8	2	12,000	--	--	--	--
	5	ND	32.4	--	--	--
	10	66	83.1	6.2	4.9	--
	15	360	143	52	12	--
	20	--	22	--	--	--
	25	--	24	--	--	--
B-9	2	3,800	--	--	--	--
	5	18	69.3	4.1	--	--
	10	36	43	--	--	--
	15	130	38.4	--	--	--
B-10	2	4,300	--	--	--	--
	5	180	77.3	4.4	--	--
	10	66	50.8	1.7	--	--
	15	200	85.3	2.4	--	--
B-11	2	3,000	--	--	--	--
	5	2,900	40.9	--	--	--
	10	17	24.8	--	--	--
	15	480	31.6	--	--	--
	20	27	--	--	--	--
	30	500	--	--	--	--
	40	3	--	--	--	--
B-12	15	15	--	--	--	--
	20	7	--	--	--	--
		100 x MCL = 500 ppb	TTLC = 2,500 ppm	STLC = 560 ppm	STLC = 5 ppm	TTLC = 500 ppm

-- Not Analyzed
ND Not Detected
PCE tetrachloroethene
STLC soluble threshold limit concentration
TTLC total threshold limit concentration
Shaded areas for: PCE = 100 times MCL; MCL = 5 ppb
Total Chromium/Total Chromium (VI) level above TTLC
Soluble Chromium/Soluble Chromium (VI) level above STLC

FIGURES



EXPLANATION

- ⌖ Groundwater well UNOCAL property
- MW1 — Well number
- (53') — Depth to groundwater in feet MSL (1994)

NORTH

0 1/2 1

SCALE IN MILES

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING Project No.: 172-01

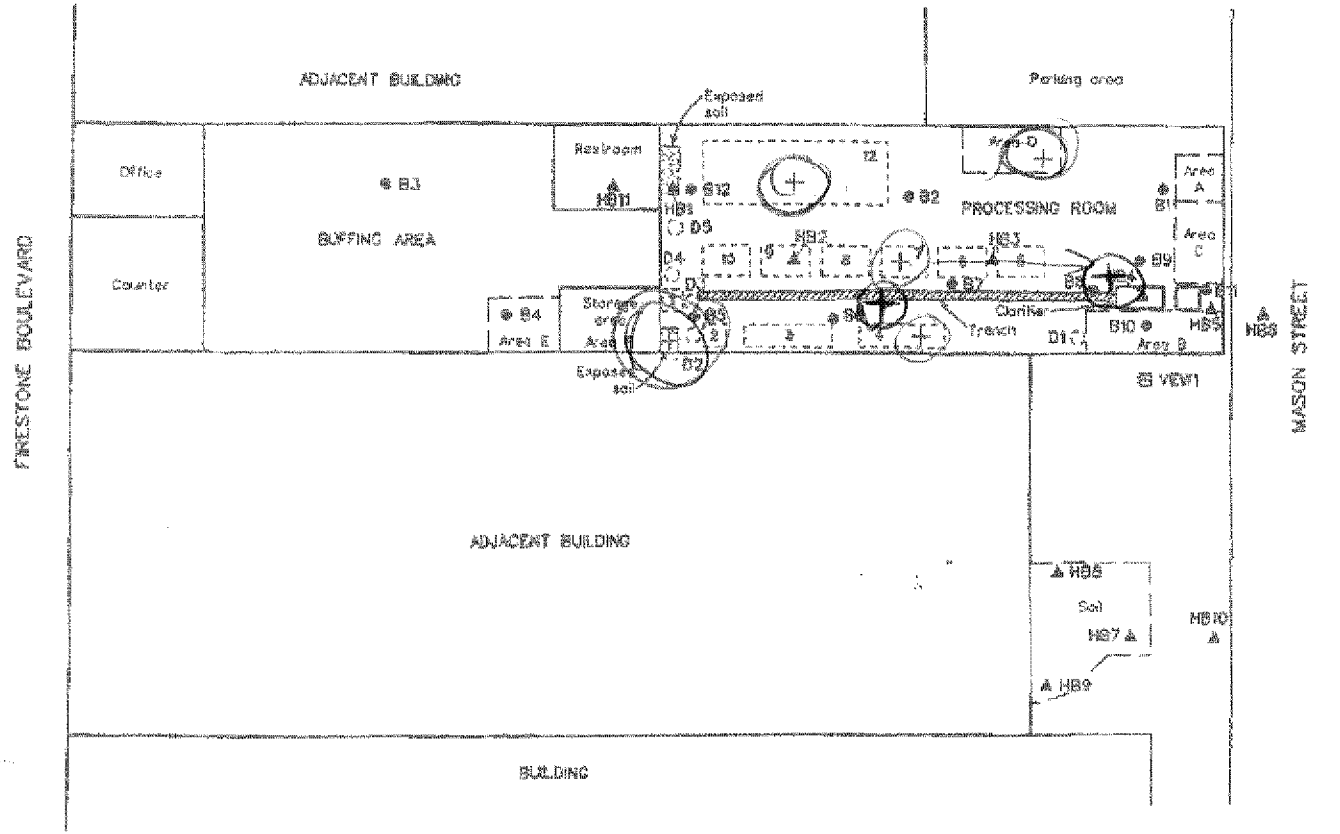
FREY ENVIRONMENTAL, INC.

NOTES:

1) All locations and dimensions are approximate.
2) Base map from USGS 7.5 minute South Gate (1966, photorevised 1981), California topographic quadrangle.
3) Groundwater well data from FUGRO West, Inc., project no. 94-46-1320.

SITE LOCATION MAP

Date: JANUARY 1996 Figure: 1



EXPLANATION

(S)	FORMER ABOVE GROUND PROCESS TANK LOCATION
▲ HB6	HAND AUGER BORING LOCATION
● B1f	BORING LOCATION
○ D3	FORMER DRUM/MISCELLANEOUS CONTAINER LOCATION AND DESIGNATION
⊞ VEW1	PROPOSED VAPOR EXTRACTION WELL LOCATION
+	PROPOSED SOIL SAMPLING LOCATION

NOTES:

1) All locations and dimensions are approximate.
2) Base map from Proposed Site Assessment, Former Nondo Chrome Facility by Fugro West, Inc., project no. 94-48-1528, dated August 1994.

NORTH

0 10 20

SCALE IN FEET

FORMER NONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING Project No.: 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH
SHOWING PROPOSED VAPOR EXTRACTION WELL
AND SOIL SAMPLE LOCATIONS

Date: JANUARY 1996 Figure 2

APPENDIX A

FIELD PROCEDURES

APPENDIX A
FIELD PROCEDURES

A.1 DRILLING PROCEDURES

1. Boring VEW1 will be drilled with either 6.675-inch or 8-inch outside diameter hollow stem augers using a truck mounted drill rig.

2. The augers will be cleaned at the site between each boring.

3. Soil descriptions, sample type and depth, and related drilling information will be recorded on a boring log by a State-Registered Geologist from FREY Environmental, Inc.

4. Soil samples will be collected using a split-barrel modified California sampler.

5. The sampler will be cleaned between sample intervals using a brush and tap water followed by a brush and TSP solution, a tap water rinse, and deionized water rinse. The sampler will be dried by air or with a towel prior to sampling.

6. Soil samples will be collected in 2-inch inside diameter and 6-inch long stainless steel or brass tubes. Prior to initial use, the sample tubes will be cleaned, rinsed and dried using the procedures described above in Item 5.

7. The sampler will be driven into the soil using a 140-pound hammer dropping approximately 30 inches. The number of blows (blow count) required to advance the sampler 12 to 18 inches will be recorded on the boring log for each 6-inch increment.

8. Following retrieval of the sampler, the lower 6-inch tube will be removed from the sampler, the ends covered with aluminum foil, and capped with PVC end caps. Each sample will be labeled with the sample number and project number.

9. The soil in the remaining sample tubes will be used to describe the soil and one one-inch ring will be used for field head space analysis.

10. The samples will be stored in an ice chest cooled with ice.

11. Sample handling, transport, and delivery to a laboratory will be documented using Chain- of-Custody procedures, including the use of Chain-of-Custody forms.

A.2 VAPOR EXTRACTION WELL INSTALLATION PROCEDURES

1. Vapor extraction well VEW1 will be constructed of flush-jointed, threaded, 2-inch ID PVC casing and screen. Slot openings, length, and density will be 0.020, 1-inch, and 4 slots per inch, respectively.

2. The bottom of the vapor extraction well will be at a depth of approximately 50 feet BGS. Well screen will extend from the bottom of the well to a depth of approximately 20 feet BGS. Blank casing will be placed from the top of the screen to just below the ground surface.

3. The well casing for each well will be installed inside the hollow stem of 8-inch outside diameter augers.

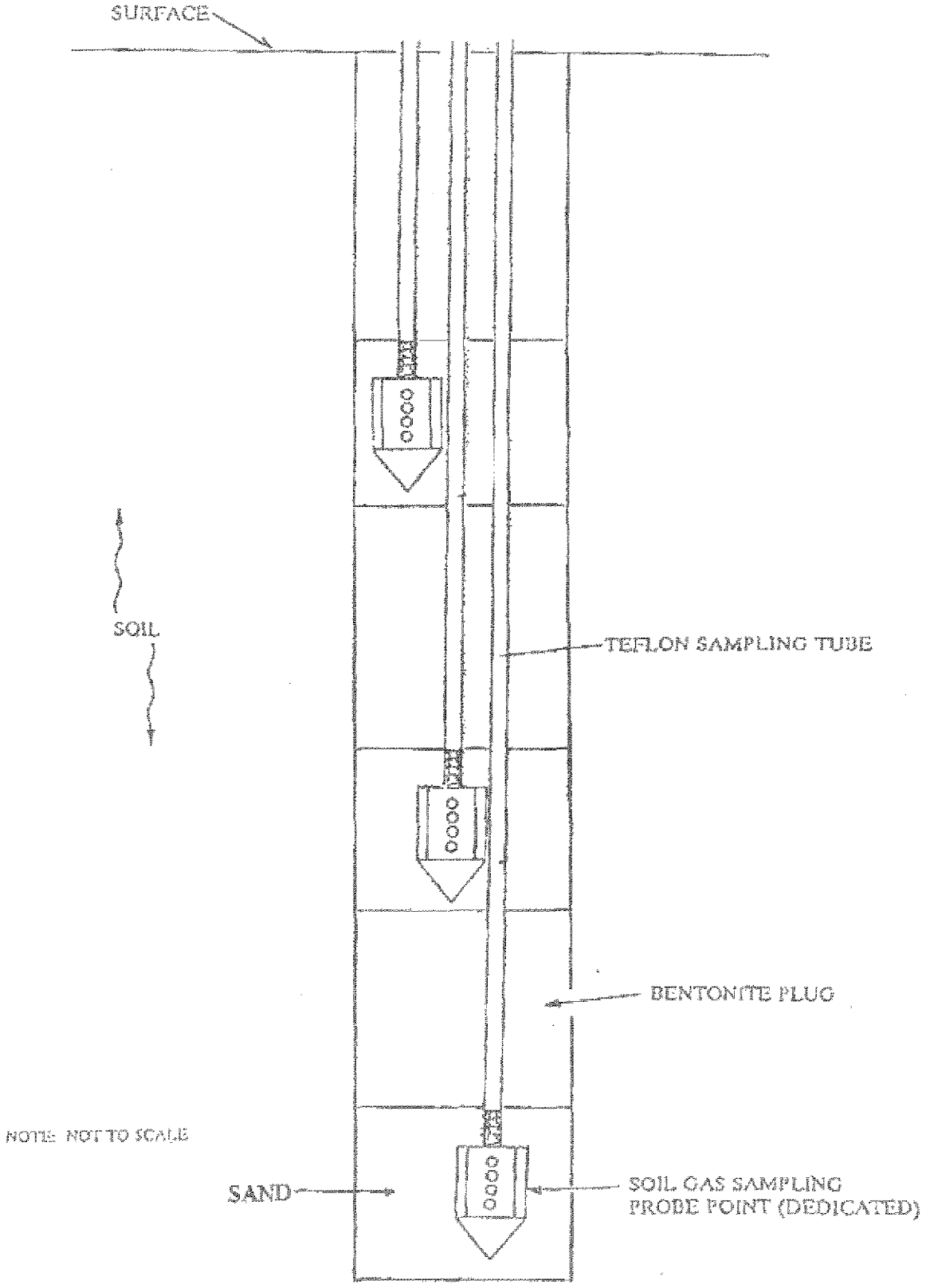
4. The annulus around the screened interval of the wells will be backfilled with a screen washed Monterey sand (8X20 mesh). Sand backfill material will be placed to approximately 2 to 3 feet above the screened interval.

5. Immediately above the sandpack, wetted bentonite will be placed to act as a seal. The annulus above the bentonite seal will be backfilled with a bentonite grout and capped with concrete.

APPENDIX B

VAPOR MONITORING PROBE DIAGRAM

TYPICAL SOIL VAPOR PROBE



FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessors

2817 A Lafayette Avenue
Newport Beach, CA 92663
(714) 723-1645
Fax (714) 723-1854

June 24, 1996
172-01

TO: Ms. Judy Watkins
LOS ANGELES COUNTY FIRE DEPARTMENT
5825 Rickenbacker Road
Commerce, California 90040

RE: Former Mondo Chrome Facility
4933 Firestone Boulevard
Southgate, California

o Enclosed please find one copy of a health and safety plan for the former Mondo Chrome facility in Southgate, California.

Please phone with either Joe Frey or myself with any questions or comments

Sincerely,
FREY Environmental, Inc.

Evan Privett
Project Engineering Geologist

Received 06/25/96

HEALTH AND SAFETY PLAN

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

PROJECT NO. 172-01

FREY ENVIRONMENTAL, INC.
2817 A Lafayette Avenue
Newport Beach, CA 92663

June 24, 1996

Reviewed by:

Project Manager	Date
Site Geologist	Date
Driller	Date
Driller's Assistant	Date
Visitor	Date

1.0 INTRODUCTION

FREY Environmental, Inc. (FREY), has been retained by Tedesco Leasing to drill and install one vapor extraction well and collect five soil samples at 4933 Firestone Boulevard in Southgate, California (Site).

This document presents the health and safety procedures that are intended to guide field activities at the Site. The provisions of this plan apply to employees of FREY and its subcontractors. Regulatory agencies are expected to observe the safety rules and regulations established by their respective organizations in addition to the requirements of this document.

2.0 PROJECT SAFETY PERSONNEL

2.1 SAFETY PERSONNEL

FREY has been responsible for the preparation of this health and safety plan, and is to monitor compliance of its personnel, those of its subcontractors and visitors to the Site, with its provisions. FREY personnel responsible for the distribution of this health and safety plan and for the compliance audit are the Site Safety Officer and/or Project Manager.

The Project Safety Officer is responsible for delivering the plan and any addenda to the Project Manager and for advising the Project Manager and Site Safety Officer on health and safety provisions of this plan, suspend work or modify work practices for safety reasons, and to dismiss individuals whose conduct on site endangers the health and safety of others.

The Project Manager is responsible for distributing the plan to all FREY field personnel and to an authorized representative of each firm contracted to assist with on-Site work. The Project Manager is also responsible for implementing the provisions of this plan and its addenda. Implementation will include training of field personnel involved with the project, provision for the appropriate safety equipment, and that the required health and safety documents are submitted to the Project Safety Officer.

The Site Safety Officer is responsible for assisting the Project Manager with on-Site implementation of this Site safety plan. His responsibilities include: 1) maintaining safety equipment supplies, 2) performing air quality measurements as required or needed, 3) directing decontamination operations and emergency response operations, 4) setting up work zone markers and signs if such zones are specified in the Site safety plan, and 5) reporting all accidents, incidents, and infractions of safety rules and requirements to the Project Manager and the Project Safety Officer.

The Site Safety Officer has the authority to suspend work any time he determines that the provisions of the Site safety plan are inadequate to provide a working environment conducive to worker safety and he is to inform the Project Manager of individuals whose on-Site presence jeopardizes their health and safety or the health and safety of others.

3.0 WORK DESCRIPTION

- o Drill one soil boring to a depth of 60 feet below the ground surface (BGS);
- o Collect soil samples at five foot soil intervals beginning at five feet BGS;
- o Construct a vapor extraction well in the boring and encase the top in a traffic rated wellbox;
- o Concrete core five previously selected areas inside the Site building;
- o Collect soil samples from a depth of one foot BGS in the five cored areas of the Site, and;
- o Conduct a vapor extraction test on the newly installed vapor extraction well within two weeks of the well installation date.

4.0 HAZARD ASSESSMENT

According to available information, the major chemical compounds of concern most likely to be encountered during the work appear to be volatile organic compounds (VOCs). Based on previous investigations, perchloroethylene (PCE) appears to be the VOC most likely to be encountered during Site operations. The overall hazard to FREY personnel and associated subcontractors is estimated to be low. The following is a brief description of the potential hazards associated with these compounds:

4.1 HAZARDOUS CHEMICAL COMPOUNDS

4.1.1 CHLORINATED SOLVENTS

PCE has been tentatively classified as a known or suspected human or mammalian carcinogens. Direct skin or eye contact or exposure to high vapor concentrations may result in dermatitis, eye and/or lung irritation; acute overexposure may cause central nervous system depression, liver and or kidney damage, convulsions, coma, and even death. Symptoms can include headache, nausea, dizziness, increased perspiration, staggering gait, and slowing of mental ability.

A. Anticipated Concentrations: If present, levels resulting from soil vapor emissions or volatilization could range from low parts per billion to low parts per million in the open air and breathing zones of site personnel. All site activities will be conducted in the open air; no personnel will be permitted to enter enclosed or poorly ventilated areas on the site.

B. Exposure Routes: Inhalation, dermal/eye contact, absorption

C. PCE Exposure Limit -100 ppm TWA/200 ppm Ceiling (OSHA PEL)

4.1.2 METALS

Chromium has been detected in previous investigations and direct skin or eye contact or exposure to high vapor concentrations may result in dermatitis, eye and/or lung irritation or ulcers. Acute overexposure may cause central nervous system depression, or damage to the liver, kidney, skin, intestines or eyes.

A. Anticipated Concentrations: If present, levels resulting from soil vapor emissions or volatilization could range from low parts per billion to low parts per million.

B. Exposure Routes: Inhalation, dermal/eye contact, absorption

C. Chromium Exposure Limit -0.1 ppm

D. Immediately Dangerous to Life 30 ppm

4.2 INHALATION HAZARD

The major toxicity concern is PCE. PCE has a Threshold Limit Value (TLV) of 25 ppm, which is defined as the average exposure for a period of 8 hours per day, 5 days per week that is believed will not cause harm to worker health.

Vapor concentrations expected to encountered during soil boring activities is not expected to exceed recommended exposure limits, based on available Site information. However, respiratory protection must be used if the TLV values are reached.

4.3 DERMAL EXPOSURE HAZARD

Contact of sufficient duration to cause significant absorption of toxic components is highly unlikely. Repeated daily or prolonged contact with excavated objects or soils may be expected to defat the skin and perhaps, over a long period of time, lead to irritation and dermatitis. For this reason, direct contact with highly contaminated objects or soils should be avoided when possible by wearing gloves. However, if prolonged skin contact does occur, the exposed areas shall be washed with soap and water and rinsed thoroughly.

4.4 EXPLOSION HAZARD

PCE and chromium are not susceptible to explosions except under extreme temperatures which will not be attained during Site work. Explosive Limits have been listed as not applicable for PCE and chromium.

4.5 OTHER HAZARDS

Sufficient attention must be paid to other possible hazards on the Site including but not limited to:

- improper use of hand tools,
- heavy equipment operation,
- tripping on objects or open ditches,
- dehydration or sun stroke of the personnel, and
- lack of oxygen through blockage of face masks.

5.0 GENERAL HEALTH AND SAFETY REQUIREMENTS

5.1 SAFETY ORIENTATION MEETING

All field personnel should attend a safety orientation meeting before commencing the field work. The meeting will be scheduled and conducted by the project manager or the Site safety officer. The meeting will include presentation of the health and safety plan.

5.2 WORK ZONE

A restricted zone will be maintained to a distance of 25 feet from the work activity area if significant soil contamination is detected in the field. Protective clothing and equipment, as described in subsection 5.3 are to be worn by all personnel working within the restricted zone.

5.3 PROTECTIVE EQUIPMENT AND CLOTHING

5.3.1 EQUIPMENT REQUIRED FOR FIELD PERSONNEL

atamin level D

- o Full length trousers, shirts
- o Leather work shoes or Boots — Safety Boots, glasses
- o Hard hats when near the bucket rig or loader

5.3.2 EQUIPMENT REQUIRED TO BE AVAILABLE ON SITE

when to upgrade to Level C, perhaps Reading of 10 PPM above background.

- o Two respirators (half-mask with organic vapor cartridges)

- o Disposable Coveralls
- o Gloves
- o First-aid kit
- o Fire extinguisher
- o A vehicle must be kept on Site when personnel are working for the transport of slightly injured personnel to the hospital. Severely injured personnel MUST ONLY be transported by paramedics.

5.3.3 RESPIRATOR USAGE

The Project Safety Officer and/or the Project Manager is responsible for deciding if respirators should be used. Usage would be based on OVM measurements. The TLV concentrations as noted in section 4.1 should be used as the critical concentration. If concentrations of organic vapors in the ambient air (as measured by the OVM) exceed the TLVs, the field personnel must move out of the area. If the concentration remains at or above the TLV for more than 5 minutes, the Project Safety Officer and/or the Project Manager should be contacted and a decision made regarding whether to proceed with the work wearing respirators and extending the restricted work zone.

Cartridges for the respirators must be replaced daily or when break-through occurs, whichever occurs first.

6.0 ORGANIC VAPOR MONITORING

The organic vapor concentrations (as measured by the OVM) in the breathing zone of the individual working closest to the vapor source will be monitored as needed. Respirators must be worn if the concentrations are equal to or greater than the TLVs for the chemicals exposed.

7.0 EMERGENCY RESPONSE PROCEDURES

7.1 PHYSICAL INJURY

In the event of an accident resulting in physical injury, apply first aid. Severely injured personnel are to be transported only by paramedics and/or by ambulance personnel. At the hospital, a physicians attention is mandatory regardless of how serious the injury appears.

The Project Manager is to be notified by the Site Safety Officer, as soon after the injury as practical, regarding the nature of the accident. A written report is also to be prepared and submitted by the Site Safety Officer.

7.2 FIRE, EXPLOSION, AND PROPERTY DAMAGE

In the event of a fire or explosion, notify the Fire department immediately by dialing 911.

The Project Manager is to be notified by the Site Safety Officer as soon as practical and a written report prepared.

7.3 EMERGENCY TELEPHONE NUMBERS

Fire Department/Paramedics.....911

Police Department 911

7.4 WORK SITE ADDRESS

4933 Firestone Boulevard
Southgate, California

7.5 HOSPITAL ADDRESS AND ROUTE

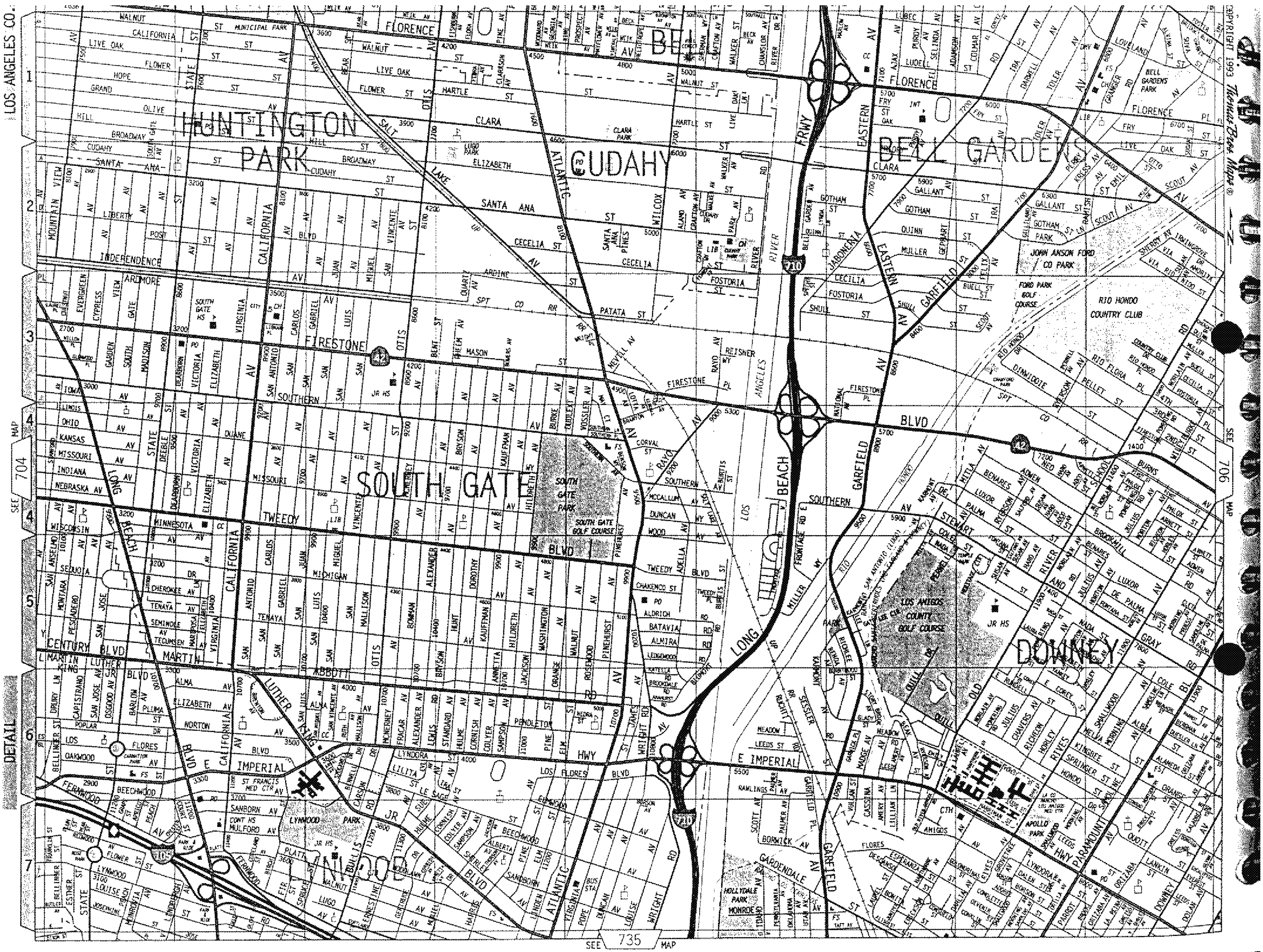
Rancho Los Amigos Medical Center
7601 East Imperial Highway
Downey, CA

(310) 922-7111

ROUTE
Proceed west on Firestone Boulevard for approximately two hundred yards.
Turn south (left) on Atlantic Avenue and proceed south for approximately 1 1/2 miles.
Turn east (left) on Imperial Highway and proceed for approximately 2 miles.
The entrance to the hospital is on the north (left) side of the street.

8.0 PROJECT PERSONNEL

Project Safety Officer/Manager	Evan Privett
Site Safety Officer and Field Personnel	Chuck Hester
Drilling Contractor	Discovery Drilling
Concrete Coring Contractor	Mulder Concrete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HUNTINGTON PARK
CUDAHY
BELL
BELL GARDENS
SOUTH GATE
DOWNEY
LYNWOOD
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DETAIL
FLORENCE AV
SLAUSON
WALNUT
CALIFORNIA
LIVE OAK
FLOWER
HOPE
GRAND
OLIVE
HILL
BROADWAY
CUDAHY
SANTA ANA
CLARA
ELIZABETH
ATLANTIC
WILCOX
SANTA ANA
CECELIA
ARDINE
PATATA ST
SPT CO RR
FIRESTONE BLVD
SOUTHERN AV
TWEEDY BLVD
MINNESOTA
ABBOTT RD
MARTIN LUTHER KING JR BLVD
CENTURY BLVD
IMPERIAL HWY
LOS FLORES BLVD
LONG BEACH FRWY
LOS ANGELES RIVER
RIO HONDO
GARFIELD AV
EASTERN AV
PARAMOUNT
STEWART AND GRAY RD
OLD RIVER SCHOOL RD
INDEPENDENCE
OTIS
STATE
MOUNTAIN VIEW
JOHN ANSON FORD CO PARK
FORD PARK GOLF COURSE
RIO HONDO COUNTRY CLUB
SOUTH GATE PARK
SOUTH GATE GOLF COURSE
LOS AMIGOS COUNTY GOLF COURSE
LYNWOOD PARK
HOLLYDALE PARK
CLARA PARK
LUGO PARK
SOUTH GATE HS
JR HS
ST FRANCIS MED CTR
GARDENDALE
FERNWOOD
BEECHWOOD
SANBORN
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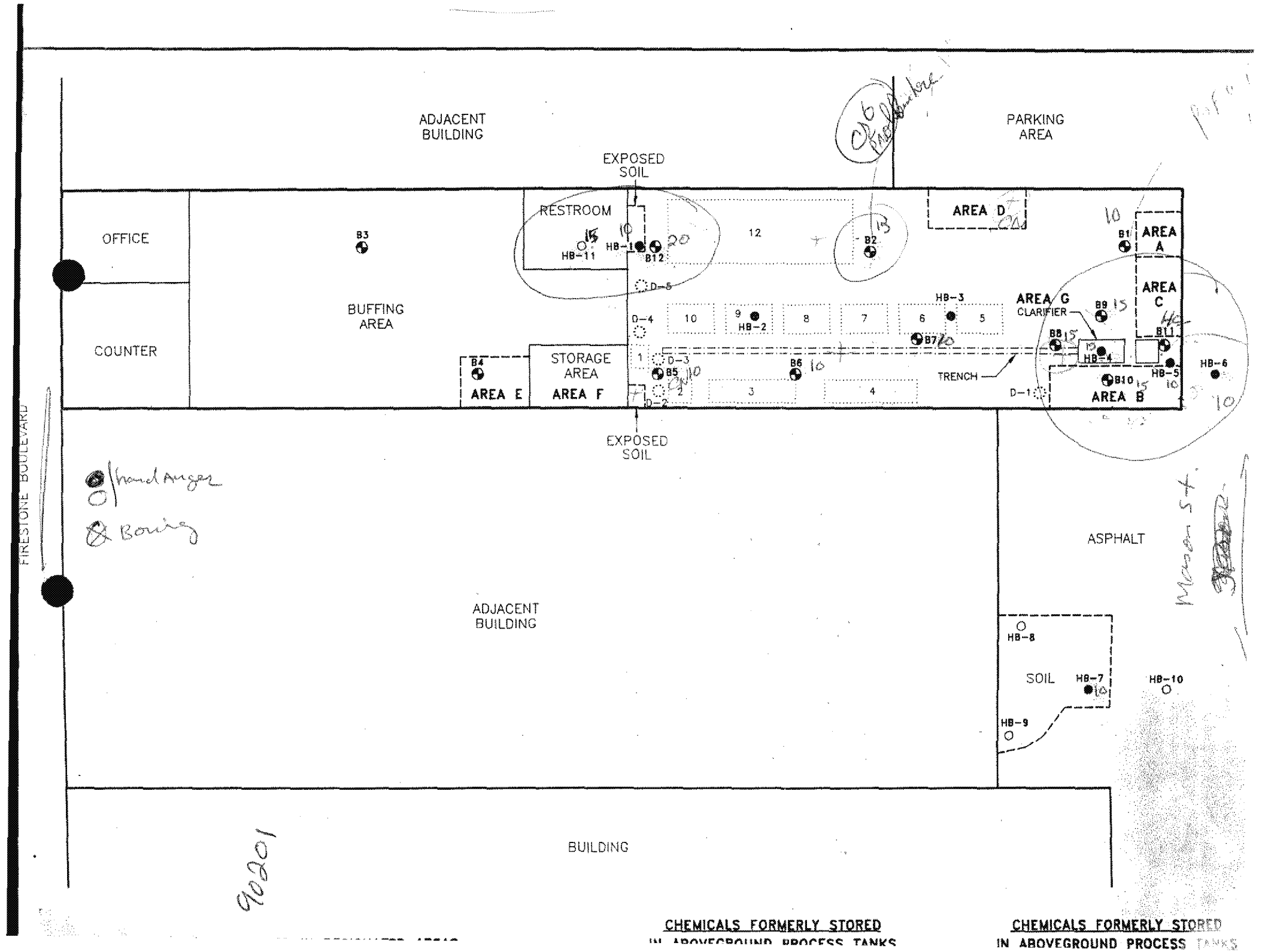
LAKE
SALT
UP


ADJACENT BUILDING
PARKING AREA
EXPOSED SOIL
RESTROOM
OFFICE
COUNTER
BUFFING AREA
STORAGE AREA
AREA D
AREA A
AREA C
AREA G
CLARIFIER
AREA E
AREA F
AREA B
TRENCH
B1
B2
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B4
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B6
B7
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EXPOSED SOIL
ASPHALT
ADJACENT BUILDING
SOIL
BUILDING
FIRESTONE BOULEVARD
Mason St.
CHEMICALS FORMERLY STORED IN ABOVEGROUND PROCESS TANKS
CHEMICALS FORMERLY STORED IN ABOVEGROUND PROCESS TANKS

TABLE 2

LABORATORY RESULTS FOR PCE, CHROMIUM, AND CADMIUM

SAMPLE NUMBER[1]	DEPTH[2]	PCE[3] ppb	TOTAL CHROMIUM[4] ppm	SOLUBLE CHROMIUM[5] ppm	CADMIUM[6] ppm
HB-1-1	2	40	18.2	NA[7]	NA
HB-1-2	5	40	14.1	NA	NA
HB-1-3	10	30	15.7	NA	NA
HB-2-1	2	NA	195[8]	10.7[9]	NA
HB-3-1	2	NA	75.7[8]	2.9	NA
HB-3-2	5	NA	235[8] 189[8]	6.5[9]	0.06
HB-3-3	10	NA	158[8]	6.1[9]	NA
HB-4-1	5	470	137[8] 126[8]	6.6[9]	43.1[8]
HB-4-2	10	30	67.8[8]	3.4	NA
HB-4-3	15	20	45	NA	NA
HB-5-1	2	240	45.8	NA	NA
HB-5-2	5	41,000	124[8]	1.8	NA
HB-5-3	10	20	38.6	NA	NA
HB-5-4	15	ND[10]	22.4	NA	NA

TABLE 2

LABORATORY RESULTS FOR PCE, CHROMIUM, AND CADMIUM

SAMPLE NUMBER[1]	DEPTH[2]	PCE[3]	TOTAL CHROMIUM[4]	SOLUBLE CHROMIUM[5]	CADMIUM[6]
HB-6-1	1	51	57.2[8]	1.7	NA
HB-6-2	5	6	11.5	NA	NA
HB-6-3	10	30	18.2	NA	NA
HB-7-1	1	ND	149[8]	12.9[9]	NA
HB-7-2	5	ND	95.4[8]	8.6[9]	NA
HB-7-3	10	8	17.8	NA	NA

[1] Sample numbers are presented as HB-1-2, where HB-1 presents the boring designation and -2 presents the sample interval.
[2] Depth is presented in feet below the ground surface (BGS).
[3] PCE indicates tretrachloroethylene analyzed in general accordance with EPA Method No. 8260. Concentrations are presented in parts per billion (ppb).
[4] Total chromium was analyzed as a single element or as part of the California Assessment Manual (CAM) metals by inductively coupled plasma mass spectrometry (ICPMS). Concentrations are presented in parts per million (ppm).
[5] Total chromium samples indicating concentrations exceeding 10 times the soluble threshold limit concentrations (STLC) were reanalyzed for soluble chromium using the Waste Extraction Test (WET) by ICPMS. Concentrations are presented in ppm.
[6] Cadmium was analyzed as part of the CAM metals by ICPMS. Concentrations are presented in ppm.
[7] NA = not analyzed.
[8] Concentrations that exceed 10 times the STLC: 10 times the STLC for chromium is 50 ppm and 10 times the STLC for cadmium is 10 ppm.
[9] Concentrations that exceed the STLC following reanalyzation using the WET. The STLC for chromium is 5 ppm.
[10] ND = no detectable concentrations.

TABLE 3

LABORATORY RESULTS OF SOIL SAMPLES COLLECTED DURING THE SUBSURFACE INVESTIGATION

SAMPLE NO.[1]	DEPTH[2]	CONCENTRATION[3]	CONSTITUENT	EPA METHOD NO.
B1-1-1	2	10 ppb	PCE[4]	8260
		6 ppb	Toluene	8260
		10.8 ppm	Total chromium	ICPMS
		3.73 ppm	Total nickel	ICPMS
		0.06 ppm	Total cadmium	ICPMS
		ND	Total cyanide	9010
		7.4	pH	9040
B1-2-1	5	20 ppb	Carbon disulfide	8260
		11 ppm	Total chromium	ICPMS
		6.22 ppm	Total nickel	ICPMS
		0.06 ppm	Total cadmium	ICPMS
		ND	Total cyanide	9010
		7.6	pH	9040
B1-3-1	10	20 ppb	Carbon disulfide	8260
		30 ppb	PCE	8260
		21.4 ppm	Total chromium	ICPMS
		11.6 ppm	Total nickel	ICPMS
		0.006 ppm	Total cadmium	ICPMS
		ND	Total cyanide	9010
		8.1	pH	9040
B2-1-1	2	100 ppb	PCE	8260
		10 ppb	Toluene	8260
		399 ppm	Total chromium	ICPMS
		18.1 ppm	Total chromium WET	ICPMS
		7.1 ppm	Chromium (VI)	218.6
		0.59 ppm	Chromium (VI) WET	218.6
		1.03 ppm	Total chromium TCLP	ICPMS
		8.1 ppm	Total nickel	ICPMS
		0.14 ppm	Total cadmium	ICPMS
		ND	Total cyanide	9010
		8.6	pH	9040
B2-2-1	5	20 ppb	PCE	8260
		116 ppm	Total chromium	ICPMS
		3.4 ppm	Total chromium WET	ICPMS
		9.9 ppm	Total nickel	ICPMS
		0.19 ppm	Total cadmium	ICPMS
		ND	Total cyanide	9010
		8.4	pH	9040

TABLE 3

LABORATORY RESULTS OF SOIL SAMPLES COLLECTED DURING THE SUBSURFACE INVESTIGATION

SAMPLE NO.[1]	DEPTH[2]	CONCENTRATION[3]	CONSTITUENT	EPA METHOD NO.
B2-3-1	10	140 ppb 6 ppb 126 ppm 4.4 ppm 21 ppm 13.8 ppm 0.23 ppm ND 8.3	PCE Toluene Total chromium Total chromium WET Chromium (VI) Total nickel Total cadmium Total cyanide pH	8260 8260 ICPMS ICPMS 218.6 ICPMS ICPMS 9010 9040
B2-4-1	15	58 ppb 8 ppb 162 ppm 6.9 ppm 4.2 ppm	PCE Toluene Total chromium Total Chromium WET Chromium (VI) WET	8260 8260 ICPMS ICPMS 218.6
B2-5-1	20	ND 71 ppm 2.6 ppm	VOCs Total chromium Total chromium WET	8260 ICPMS ICPMS
B3-1-1	2	ND 9.2 ppm 7.6 ppm 0.06 ppm ND	VOCs Total chromium Total nickel Total cadmium Total cyanide	8260 ICPMS ICPMS ICPMS 9010
B3-2-1	5	ND 10.3 ppm 8 ppm 0.24 ppm ND	VOCs Total chromium Total nickel Total cadmium Total cyanide	8260 ICPMS ICPMS ICPMS 9010
B3-3-1	10	ND 13 ppm 9.48 ppm 0.1 ppm ND	VOCs Total chromium Total nickel Total cadmium Total cyanide	8260 ICPMS ICPMS ICPMS 9010
B4-1-1	2	5.28 ppm 8.2	Total nickel pH	ICPMS 9040
B4-2-1	5	9.9 ppm 9.5	Total nickel pH	ICPMS 9040

TABLE 3

LABORATORY RESULTS OF SOIL SAMPLES COLLECTED DURING THE SUBSURFACE INVESTIGATION

SAMPLE NO.[1]	DEPTH[2]	CONCENTRATION[3]	CONSTITUENT	EPA METHOD NO.
B5-1-1	2	10 ppb 8.8 ppm 6.55 ppm 0.03 ppm ND 9.6	Carbon disulfide Total chromium Total nickel Total cadmium Total cyanide pH	8260 ICPMS ICPMS ICPMS 9010 9040
B5-2-1	5	ND 9.4 ppm 7.4 ppm 0.09 ppm ND 8.2	VOCs Total chromium Total nickel Total cadmium Total cyanide pH	8260 ICPMS ICPMS ICPMS 9010 9040
B5-3-1	10	10 ppb 8 ppb 15.2 ppm 10.9 ppm 0.13 ppm ND 8.2	PCE Toluene Total chromium Total nickel Total cadmium Total cyanide pH	8260 8260 ICPMS ICPMS ICPMS 9010 9040
B6-1-1	2	57 ppb 9 ppb 10.5 ppm 7.3 ppm 0.18 ppm	PCE Toluene Total chromium Total nickel Total cadmium	8260 8260 ICPMS ICPMS ICPMS
B6-2-1	5	ND 9 ppm 7.01 ppm ND	VOCs Total chromium Total nickel Total cadmium	8260 ICPMS ICPMS ICPMS
B6-3-1	10	77 ppb 13.8 ppm 11.9 ppm 0.04 ppm	PCE Total chromium Total nickel Total cadmium	8260 ICPMS ICPMS ICPMS
B7-1-1	2	8 ppb 52 ppm 2.3 ppm ND	PCE Total chromium Total chromium WET Total cadmium	8260 ICPMS ICPMS ICPMS
B7-2-1	5	50 ppb 8 ppb 28.7 ppm ND	PCE Toluene Total chromium Total cadmium	8260 8260 ICPMS ICPMS

TABLE 3

LABORATORY RESULTS OF SOIL SAMPLES COLLECTED DURING THE SUBSURFACE INVESTIGATION

SAMPLE NO.[1]	DEPTH[2]	CONCENTRATION[3]	CONSTITUENT	EPA METHOD NO.
B7-3-1	10	150 ppb 26.2 ppm 0.1 ppm	PCE Total chromium Total cadmium	8260 ICPMS ICPMS
B7-4-1	15	ND 15.5 ppm 0.04 ppm	VOCs Total chromium Total cadmium	8260 ICPMS ICPMS
B8-1-1	2	12,000 ppb	PCE	8010
B8-2-1	5	ND 32.4 ppm 0.05 ppm	PCE Total chromium Total cadmium	8010 ICPMS ICPMS
B8-3-1	10	66 ppb 83.1 ppm 6.2 ppm 4.9 ppm 2.19 ppm 0.17 ppm	PCE Total chromium Total chromium WET Chromium (VI) WET Total chromium TCLP Total cadmium	8010 ICPMS ICPMS 218.6 ICPMS ICPMS
B8-4-1	15	360 ppb 143 ppm 5.2 ppm 1.2 ppm 0.13 ppm	PCE Total chromium Total chromium WET Chromium (VI) WET Total cadmium	8010 ICPMS ICPMS 218.6 ICPMS
B8-5-1	20	22 ppm	Total chromium	ICPMS
B8-6-1	25	24 ppm	Total chromium	ICPMS
B9-1-1	2	3,800 ppb	PCE	8010
B9-2-1	5	18 ppb 69.3 ppm 4.1 ppm 0.46 ppm	PCE Total chromium Total chromium WET Total cadmium	8010 ICPMS ICPMS ICPMS
B9-3-1	10	36 ppb 43 ppm 0.23 ppm	PCE Total chromium Total cadmium	8010 ICPMS ICPMS
B9-4-1	15	130 ppb 38.4 ppm 0.13 ppm	PCE Total chromium Total cadmium	8010 ICPMS ICPMS
B10-1-1	2	4,300 ppb	PCE	8010

TABLE 3

LABORATORY RESULTS OF SOIL SAMPLES COLLECTED DURING THE SUBSURFACE INVESTIGATION

SAMPLE NO.[1]	DEPTH[2]	CONCENTRATION[3]	CONSTITUENT	EPA METHOD NO.
B10-2-1	5	180 ppb 77.3 ppm 4.4 ppm 0.09 ppm	PCE Total chromium Total chromium WET Total cadmium	8010 ICPMS ICPMS
B10-3-1	10	66 ppb 50.8 ppm 1.7 ppm 0.23 ppm	PCE Total chromium Total chromium WET Total cadmium	8010 ICPMS ICPMS ICPMS
B10-4-1	15	200 ppb 85.3 ppm 2.4 ppm ND	PCE Total chromium Total chromium WET Total cadmium	8010 ICPMS ICPMS ICPMS
B11-1-1	2	3,000 ppb	PCE	8010
B11-2-1	5	2,900 ppb 40.9 ppm ND	PCE Total chromium Total cadmium	8010 ICPMS ICPMS
B11-3-1	10	17 ppb 24.8 ppm ND	PCE Total chromium Total cadmium	8010 ICPMS ICPMS
B11-4-1	15	480 ppb 31.6 ppm 0.17 ppm	PCE Total chromium Total cadmium	8010 ICPMS ICPMS
B11-5-1	20	27 ppb	PCE	8010
B11-7-1	30	500 ppb	PCE	8010
B11-9-1	40	3 ppb	PCE	8010
B12-4-1	15	15 ppb	PCE	8010
B12-5-1	20	7 ppb	PCE	8010
HB-8-1	2	20.9 ppm 0.14 ppm	Total chromium Total cadmium	ICPMS ICPMS
HB-8-2	5	32.1 ppm 0.07 ppm	Total chromium Total cadmium	ICPMS ICPMS
HB-8-3	10	22.7 ppm 0.13 ppm	Total chromium Total cadmium	ICPMS ICPMS
HB-9-1	2	14.5 ppm ND	Total chromium Total cadmium	ICPMS ICPMS

TABLE 3

LABORATORY RESULTS OF SOIL SAMPLES COLLECTED DURING THE SUBSURFACE INVESTIGATION

SAMPLE NO.[1]	DEPTH[2]	CONCENTRATION[3]	CONSTITUENT	EPA METHOD NO.
HB-9-2	5	12.6 ppm 0.11 ppm	Total chromium Total cadmium	ICPMS ICPMS
HB-9-3	10	35.4 ppm 0.25 ppm	Total chromium Total cadmium	ICPMS ICPMS
HB-10-1	2	102 ppm 4.2 ppm 0.43 ppm	Total chromium Total chromium WET Total cadmium	ICPMS ICPMS ICPMS
HB-10-2	5	42.8 ppm ND	Total chromium Total cadmium	ICPMS ICPMS
HB-10-3	10	16 ppm 0.21 ppm	Total chromium Total cadmium	ICPMS ICPMS
HB-11-1	2	77 ppb	PCE	8260
HB-11-2	5	4 ppb	PCE	8260
HB-11-3	10	85 ppb 3 ppb	PCE TCE[4]	8260 8260
HB-11-4	15	1 ppb 72 ppb 3 ppb	1,4-Dichlorobenzene PCE TCE	8260 8260 8260

[1] Sample numbers are presented as B1-2-1, where B1 presents the boring designation and 2-1 presents the second sample interval, and first sample number.

[2] Depth is presented in feet below the ground surface (BGS).

[3] Concentrations are presented in parts per billion (ppb) or parts per million (ppm).

[4] PCE = tetrachloroethylene. TCE = trichloroethylene.

[5] Selected soil samples were analyzed for volatile organic compounds (VOCs), total cyanide, and pH in general accordance with EPA Method Nos. 8260, 9010, and 9040, respectively. Selected metals were analyzed using inductively coupled plasma/mass spectrometry (ICPMS). Selected chromium analysis were analyzed using the Waste Extraction Test (WET) and Toxicity Characteristics Leaching Potential (TCLP). Chromium VI was analyzed in general accordance with EPA Method No. 218.6.

TABLE 4

LABORATORY RESULTS OF THE CHROMIUM ANALYSIS

SAMPLE NO.[1]	DEPTH[2]	TOTAL[3] CHROMIUM (III/VI)	WET TOTAL[3] CHROMIUM (III/VI)	WET[4] CHROMIUM (VI)	TCLP TOTAL[3] CHROMIUM (III/VI)
B2-1-1	2	399	18.1	0.59	1.03
B2-2-1	5	116	3.4	NA	NA
B2-3-1	10	126	4.4	NA	NA
B2-4-1	15	162	6.9	4.2	NA
B2-5-1	20	71	2.6	NA	NA
B7-1-1	2	52	2.3	NA	NA
B8-3-1	10	83.1	6.2	4.9	2.19
B8-4-1	15	143	5.2	1.2	NA
B8-5-1	20	22	NA	NA	NA
B8-6-1	25	24	NA	NA	NA
B9-2-1	5	69.3	4.1	NA	NA
B10-2-1	5	77.3	4.4	NA	NA
B10-3-1	10	50.8	1.7	NA	NA
B10-4-1	15	85.3	2.4	NA	NA
HB-10-1	2	102	4.2	NA	NA

[1] Sample numbers are presented as B2-2-1, where B2 presents the boring designation and 2-1 presents the second sample interval, and first sample number.

[2] Depth is presented in feet below the ground surface (BGS).

[3] Total chromium, total chromium using the Waste Extraction Test (WET), and total chromium using the Toxicity Characteristics Leaching Potential (TCLP) were analyzed using inductively coupled plasma/mass spectrometry (ICPMS).

[4] Chromium VI using the WET was analyzed in general accordance with EPA Method No. 218.6.

THE KAY COMPANIES

March 14, 1996

Ms. Shahin Nourishad
LA County Fire Department
Commerce, CA. 90040

RE: 4933 Firestone Blvd., South Gate, CA.

Dear Shahin:

This letter will reference our phone conversation of March 14, 1996 regarding the status of 4933 Firestone Blvd. I meet with the owners of the property and made them aware of their options per my letter to you dated January 10, 1996 and your hand written response back to me. It is the owners intent to go forward with option two of the letter pending the out come of the revised bids by Frey Environmental and CET Environmental. Their bids are due to us within the next few weeks.

I am sorry to hear that you are being transferred to another area. It was a pleasure working with you and I hope the next person we work with from the Fire Department has your 'results oriented' position.

Best regards,

Howard L. Kay,
agent for Tedesco Leasing

cc: Tom/Joe Tedesco

475 Seventeenth Street, Suite 940, Denver, Colorado 80202
303/292-6357 FAX 303/292-2149

County of Los Angeles • Fire Department

Prevention Bureau
Health Hazardous Materials Division

FACSIMILE TRANSMITTAL SHEET

TO: MR. Howard Kay

Phone: _____ FAX: (303) 292-2149

Date/Time: 1-16-95 / 1:55

FROM: Shahin Noursharaf

Health Hazardous Materials Division
Site Mitigation Unit
5825 Rickenbacker Rd
Commerce CA 90040

Phone: (213) 890-~~4107~~ 4119 FAX: (213) 724-5976
(213) 890-4046

Total number of **pages**, including this cover sheet 3

COMMENTS: AS requested

If you have any problems or have not received the number of pages sent, please contact the sender as soon as possible.

HHMD • 1/93 • v1.4

THE KAY COMPANIES

FACSIMILE TRANSMITTAL SHEET

TO: SHAHN NOURISHAD

COMPANY: LA COUNTY FIRE DEPARTMENT

FAX #: 213-890-~~4046~~ 4046

FROM: Howard L. Kay

DATE: 1-9-96

NUMBER OF PAGES (including cover page): 3

[ ] For your information

[ ] For your approval

[ ] Per your request

[X] Please review and advise

[ ] Please phone to discuss

[ ] Per our phone conversation

REMARKS: PLEASE LET ME KNOW YOUR COMMENTS.

Howard

If you do not receive all pages, please contact our office immediately.

475 Seventeenth Street, Suite 940, Denver, Colorado 80202
303/292-6357 FAX 303/292-2149

THE KAY COMPANIES

January 10, 1996

Ms. Shahin Nourishad
LA. County Fire Department
5825 Rickenbacker Road
Commerce, CA. 90040

RE: 4933 Firestone Blvd. South Gate, CA.

Dear Shahin:

This letter will reference our meeting December 27, 1995 with Thomas Klinger. Both you and Mr. Klinger provided the following options that are available to the owners of the above referenced property:

I. **Place a "Deed Notification" on the property:**
(not for residential usage)

Project would be turned over to the Water Board and the State Regional EPA Board for them to regulate. This might take them 2-10 years to review. However, once they do review the project they ~~will~~ may do the following:

a) They would make the owners test the site and depending what was found under the slab, do the clean up mentioned below, and

b) In addition to the clean up, the owners ~~would~~ may have to install a maximum of 3 monitoring wells. This could add an additional ~~+ $100,000~~ cost? to the price of clean up.

c) If the owners refused to do the work, the EPA and the Water Board ~~would take them to court.~~ may do the work and recover clean up costs via legal action.

475 Seventeenth Street, Suite 940, Denver, Colorado 80202
303/292-6357 FAX 303/292-2149

11. **Do Workplan/Testing and Remediation:**

a) 4-5 borings under the slab; 6-8 inches down and test the soil. If the soil is contaminated, then the owners ~~would~~ may have to remove the slab, dispose of the contaminates and replace the slab.

b) 1 boring outside the building to ground water and test the soil.

c) Vapor Extraction of the soil gases. This could take 3-12 months. The current soil tests require that this be done.

d) The Fire Department would not require the owners to put in any monitoring wells.

e) When all the above work is completed to the Fire Department guidelines, they would issue a closing letter stating that " the sources have been eliminated" and "no further action is required" by LA Co Fire Dept.

Notwithstanding the above, the Fire Department can not guarantee that the EPA or the Water Board would ~~come back at a later time if the area is put into a regional superfund site.~~ not require ground water cleanup/monitoring sometime in the future. However, because the property was cleaned under the Fire Department guidelines, the owners would be in a better position than if they had not cleaned the site.

If the above is your understanding of the options available to the owners of the site, please sign your name below. If there are any corrections, please make corrections on this letter and return it to me so I can make the needed corrections. Once we are clear, I will forward this information to the owners and let you know the course of action they will take. Thank you.

Best, regards,

Howard

Howard L. Kay,
agent for Tedesco Leasing

Approved this___ day of Jan. 1996

Shahin Nourishad,
LA. County Fire Department

f ~~g~~) A copy of the closure letter or a separate letter describing the past Site Contamination that may have impacted the groundwater will be sent to water Board. However the letter would indicate that Contamination has been mitigated and there is no further adverse impact from the site to the underlying groundwater.

COUNTY OF LOS ANGELES • FIRE DEPARTMENT
PREVENTION BUREAU
HEALTH HAZARDOUS MATERIALS DIVISION

MEETING SUMMARIES

Date of Meeting 12-27-95	Time of Meeting $10^{30} - 11^{30}$
Place of Meeting Rickenbacker	
Purpose To Discuss Mondo's Shaw Chrome	

Attendants		
Tom Klinger	Howard Kay	
Shahin Nourshad		

Summary & Conclusions

met with MR. Howard Kay, who manages The Tedesco Properties, which is The owner of Mondo's Shaw Chrome property. Discussed that Tedesco Properties have Two option. 1) clean the metals & VOCs in the soil 2) Put a deed notification and refer the site for potential groundwater impact to Regional water quality. we explained to MR. Kay that the Gw. is Potentially impacted and also S. Gate has Regional PCE Problems, it was further explained to MR. Kay That the Proposed Purge work plan was of no use, and if the property owner wants to mitigate the site, Perhaps Dig few (4-5) Shallow soil Samples To find out if Concentration of metals is of any Significance 2) one boring to water table to define The vertical extent of VOCs 3) do vapor extraction. MR. Kay was advised to discuss his option and financial ability with MR. Tedesco and his Consultant and let us know of his decision in 45 days.

Later on we visited the site. the concrete floor is in a good Condition and the use of The plating shop does not/will not Present a significant Health Hazard at this Condition.

6/22/94

REZNIK & REZNIK

A LAW CORPORATION

15456 VENTURA BOULEVARD, FIFTH FLOOR

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JOHN M. BOWMAN*
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ALAN J. KHEEL
MYRA A. NAKELSKY
BARAK S. PLATT
JEFFREY S. RASKIN
BENJAMIN M. REZNIK
WILLIAM M. SAMOSKA
LAWRENCE B. STEINBERG
MARY L. WATKINS

*ALSO ADMITTED TO PRACTICE IN ILLINOIS

REFER TO FILE NUMBER:

1538.01

June 21, 1994

Mr. Philip Kani
Los Angeles County Fire Department
Hazardous Materials Division
5825 Rickenbacher Road
Los Angeles, California 90040

Re: **The Former Mondo's Show Chrome Facility, Southgate, California**
Site Address: 4933 Firestone Boulevard, Southgate, California
Our Client: Tedesco Leasing

Dear Mr. Kani:

This letter confirms the meeting that was arranged by Janice Kamenir-Reznik of our firm, among yourself, Mr. Tom Klinger, Ms. Janice-Kamenir-Reznik and Tedesco's consultant, Mr. Walt Hamann for July 12, 1994 at 10:00 a.m. at your offices to discuss this above-referenced site.

Very truly yours,

REZNIK & REZNIK
A Law Corporation

By
WILLIAM M. SAMOSKA

WMS:nw

cc: Mr. Howard Kay
Janice Kamenir-Reznik, Esq.

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
1320 NORTH EASTERN AVENUE
LOS ANGELES, CALIFORNIA 90063-3294

Refer reply to:
HEALTH HAZARDOUS MATERIALS DIVISION
5825 Rickenbacker Rd
Commerce CA 90040

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

April 21, 1994

Janice Kamenir-Reznik
Reznik & Reznik
15456 Ventura Blvd. Fifth Floor
Sherman Oaks, CA 91403

Dear Ms. Reznik:

SUBJECT: FORMER MONDO'S SHOW CHROME, 4933 FIRESTONE BLVD., SOUTHGATE, CA

The purpose of this letter is to clarify some of the statements that were made in a telephone conversation between you and Philip Kani, of this Department, on April 7, 1994.

You asked if this Department had ordered that a soil gas survey be performed at the site. Mr. Kani indicated to you that the soil gas survey was proposed by your client's environmental consultant after this Department had informed your client that the site had not been adequately characterized. You indicated that you believed that several additional borings would define the contamination. Mr. Kani indicated that he did not have the file in front of him to review, at the time of your phone call. You questioned the appropriateness of the soil gas survey and the benefits and the limitations (such as not addressing heavy metal contamination) of the soil gas surveys were discussed. The soil gas survey that was proposed, is only one of several methods that can be used in the characterization process.

The assistance and value of the information of a particular investigative method in characterizing a site is site-specific. It was your assertion that the soil gas survey was not appropriate and you felt that the further characterization of the site could be handled in a more cost-efficient manner. This Department is concerned with your client adequately characterizing the site and initiating any necessary remediation in a timely fashion. Please provide by June 30, 1994, your new proposal for the further investigation of the site.

If you have any questions, please feel free to call Philip V. Kani at (213) 890-4113.

Very truly yours,

THOMAS W. KLINGER, SUPERVISOR
SITE MITIGATION UNIT
HEALTH HAZARDOUS MATERIALS DIVISION

TK:PK041994

c: Tedesco

4/18/94 R

REZNIK & REZNIK

A LAW CORPORATION

15456 VENTURA BOULEVARD, FIFTH FLOOR

SHERMAN OAKS, CALIFORNIA 91403-3023

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LAWRENCE B. STEINBERG
MARY L. WATKINS

*ALSO ADMITTED TO PRACTICE IN ILLINOIS
**ALSO ADMITTED TO PRACTICE IN THE DISTRICT OF COLUMBIA

REFER TO FILE NUMBER:

1538.01

April 12, 1994

Mr. Philip Kani
Los Angeles County Fire Department
Hazardous Materials Division
5825 Rickenbacher Road
Los Angeles, California 90040

Re: **The Former Mondo's Show Chrome Facility, Southgate, California**
Site Address: 4933 Firestone Boulevard, Southgate, California

Dear Mr. Kani:

As you are aware, by virtue of our telephone conversation of April 7, 1994, our firm has been retained by the owners of the above-referenced Site with respect to environmental issues.

I know that you were informed regarding the cancellation of the soil gas investigation which was scheduled to have occurred last Friday, April 8, 1994. In our opinion, given the fact that soil boring work had already been performed on the PCE, some of which previous boring work was in the exact location of the soil gas work proposed by CET Environmental, it did not appear that the results of the soil gas survey would provide either our client or your Department with any meaningful additional information regarding the contamination at the Site. For that reason, we advised reconsideration and indeed the cancellation of that activity. When I spoke with you on April 7, you seemed to agree that the proposed soil gas investigation would not be of great assistance and that your approval of that soil gas workplan was in no way an indicator that the Department thought that the soil gas would yield valuable information; nor was the Department's approval an indication that the Department had requested that same be performed. In fact, you assured me that the Department had not so requested.

NO SAID WE HAD NOT REQUIRED S.V. GAS. ALSO SAID WOULD NOT HAPPEN HARRY MATH

Please be advised that we are in the process of reviewing all of the reports which have been submitted to your Department and will soon be arranging to meet with our client and a consultant to propose a next step. As soon as possible, we will contact you regarding how the owner proposes to proceed relative to the subject Site.

Very truly yours,

REZNIK & REZNIK
A Law Corporation

By
JANICE KAMENIR-REZNIK

JKR:mkb

NET\1538\01CS01PK.MKB (04/12/94)

4/20/94 Took to KS

JOSEPH S.F. SEWELL
Staff Attorney

P.O. Box 530, Utica, New York 13503-0503
Telephone (315) 734-2970
FAX (315) 734-2198

March 29, 1994

Mr. William Jones
Investigative Section
Hazardous Materials Control Program
Los Angeles Department of
Health Services
313 North Figueroa Street
Los Angeles, California 90012

Re: Our File No.: 70 07 25
Insured: **United Ready Mixed Concrete**
Claimant: Joseph Tedesco

Dear Mr. Jones:

Enclosed please find a copy of yours of December 21, 1990 to Joseph Tedesco which has been passed along to us as one of his insurers.

At this time we would like to make a Freedom of Information request to obtain any and all documents you have regarding this particular piece of property, including this particular spill or incident but not limited to the same.

Please advise if there are any copying charges and what they might be, etc.

Very tuly yours,

Joseph S. F. Sewell
Staff Attorney

JSFS/bd
Enc.

COUNTY OF LOS ANGELES • DEPARTMENT OF HEALTH SERVICES

313 NORTH FIGUEROA STREET • LOS ANGELES, CALIFORNIA 90012

Reply refer to:
2615 South Grand Avenue, Room 807
Los Angeles, CA 90007
(213) 744-

December 21, 1990

Certified Mail Receipt
#P 116-526-187

Mr. Joseph Tedesco
4988 Firestone Blvd.
South Gate, CA 90280

Dear Mr. Tedesco:

MANDO'S SHOW CHROME 4933 FIRESTONE BLVD, SOUTH GATE, CA

This Department has conducted an investigation into the illegal disposal and storage of hazardous waste located at 4933 Firestone Blvd., South Gate. The investigation revealed that Armando Dorame dba: Mando's Show Chrome leased the property for purposes of operating a heavy metal plating facility. The following conditions were observed on July 13, 1990: leaking plating tanks; leaking drums containing hazardous substances; contaminated equipment, deteriorated floor surfaces and possible ground contamination; incompatible storage of hazardous substances, unlabeled containers of hazardous substances; poor housekeeping; and no preparedness and prevention planning in the event of a release.

It is this Departments understanding that Mr. Dorame is no longer operating the business, no longer has control over the property, and has abandoned hazardous waste at the above location. As property owner you are hereby directed to:

1) Legally remove/dispose of all hazardous waste and contaminated materials illegally stored at the above subject location by February 15, 1991.

2) Obtain an EPA identification number from the State Department of Health Services at (916) 324-1781.

3) Complete a uniform hazardous waste Manifest and provide a photocopy of the completed manifests to this office by February 28, 1991.

4) Transport all hazardous waste by a State Registered Hauler.

5) Store all hazardous waste in properly labeled, dated containers with tight fitting lids within 10 days of receiving this Notice of Violation.

6) Provide this office with a Site Assessment and Mitigation Work plan for the contamination at your property (guidance document enclosed) byJanuary 31, 1991.

Should you have any questions please feel free to contact Marty Kasman at (213) 744-5307.

Very truly yours,

William Jones, M.S., Chief
Investigative Section
Hazardous Materials Control Program

Attachment

cc: Susan Canter
Deputy District Attorney
Environmental Crimes/OSHA Division

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
1320 NORTH EASTERN AVENUE
LOS ANGELES, CALIFORNIA 90063-3294

Refer reply to:
HEALTH HAZARDOUS MATERIALS DIVISION
5825 Rickenbacker Rd
Commerce CA 90040

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

March 2, 1994

Joseph Tedesco
4988 Firestone Blvd.
South Gate, Ca 90280

Dear Mr. Tedesco:

SUBJECT: MANDO'S SHOW CHROME - 4933 FIRESTONE BLVD, SOUTH GATE, CA

This Department has completed a review of the Soil Gas Survey Work Plan, dated December 1993, submitted by your consultant, CET Environmental Services(CET). As discussed in telephone conversations between David Low of CET and Philip V. Kani of this Department on February 24, 1994, an approval is hereby granted for implementation of the above workplan. This approval is contingent upon you and your representative complying with the standards set forth in this Department's "Guidance for Site Mitigation Workplans" and the following:

1. The Soil Gas Survey Work Plan shall be adhered to as approved. Any deviation or change must be submitted in writing and approved by this Department prior to implementation.

2. Notify this office five (5) working days prior to the implementation of this workplan.

3. Soil gas work shall be performed according to the California Regional Water Quality Control Board - Los Angeles Region's workplan guidelines. This shall include the use of gas tight syringes that will not affect sample integrity.

If you have any questions, please feel free to call Philip V. Kani at (213) 890-4113.

Very truly yours,

Thomas W. Klinger

THOMAS W. KLINGER, SUPERVISOR
SITE MITIGATION UNIT
HEALTH HAZARDOUS MATERIALS DIVISION

TK:PK022894

c: David Low

CET Environmental
Services, Inc.

3447 Atlantic Avenue, Suite 300
Long Beach, California 90807
Telephone: (310) 427-5999
Fax: (310) ~~427-0576~~ 595-1800
(714) 505-0987

December 23, 1993

Mr. Phil Kani
Los Angeles County Fire Department
Hazardous Materials Control Program
5825 Rickenbacher Road
Los Angeles, California 90040

Subject: **Soil Gas Survey Work Plan For the Former Mondo's Show Chrome Site 4933 Firestone Boulevard, Southgate, California.**

Dear Mr. Kani:

Attached, for your review, is the soil gas survey work plan for the site located at 4933 Firestone Boulevard. The scope of work and sampling locations have been determined per your conversations with Mr. Brian Beck, Geoscience Manager for CET Environmental Services Inc. If you have any questions, please contact me at (310) 427-5999.

NO SIGNED BK RAWAN OF DHCS.

Sincerely,

CET ENVIRONMENTAL SERVICES, INC.

David K. Low
Geologist

cc: Project File

CET ENVIRONMENTAL SERVICES, INC.
3447 ATLANTIC AVENUE, SUITE 300
LONG BEACH, CALIFORNIA 90807
(310) 427-5999 - FAX (310) 427-0576

FACSIMILE TRANSMITTAL COVER SHEET

TO: LACFD - Health & Hazmat	**DATE:** 14 Dec 93
ATTENTION: Mr. Philip Kani	**# OF PAGES:** 3
Please Call [ ] URGENT [ ] Reply not Necessary [ ]	**FAX #** 213 890-4046
FROM: Nancy Edwards / Brian Beck	**TIME SENT:**
SUBJECT: 4933 Firestone Blvd. South Gate	[ ] **Original to Follow** [M] **No Original to Follow**

MESSAGE:

Original letter was sent to Mr. Kay to be sent to you; don't know what happened to it.

Work is scheduled to take place 12/27/93 from 7am to 5pm.

Re: referenced figure - can get to you by Wed.

Sorry for the delay in getting info. to you; please call if any questions.

Attention: If you have not received all of the above mentioned pages, please advise by calling or FAXING to the numbers above. Thank You!

CET Environmental Services, Inc.

3447 Atlantic Avenue, Suite 300
Long Beach, California 90807
Telephone: (310) 427-5999
Fax: (310) 427-0576

November 15, 1993
CET No. 7003-100.REV

Mr. Phil Kani
Los Angeles County Fire Department
Hardous Materials Control Program
5825 Rickenbacher Road
Los Angeles, California 90040

RE: Remediation Assessment Work Plan
Former Mondo Chrome Facility
4933 Firestone Boulevard
South Gate, California
A912008D

Dear Mr. Kani:

CET Environmental Services, Inc. (CET) has been retained by Tedesco Leasing to conduct a remediation assessment at the former Mondo Chrome facility located in South Gate, California. The remediation assessment will be conducted in different phases and this work plan has been prepared for the first phase.

Under the Regional Water Quality Control (RWQCB) Well Investigation Program (WIP) guidelines, sites with chlorinated solvents should be evaluated with a soil gas survey to determine the lateral and vertical extent of the contaminates, and provide the location of apparent on site release area(s). The soil gas survey will be conducted under the May 1993 RWQCB guidelines and the RWQCB will be notified so that they can provide the quality control sample. A copy of the May 1993 RWQCB soil gas survey guidelines are attached for your review.

The approximate soil gas probe locations are shown on the attached figure. CET estimates that 10 soil gas probes will be driven and sampled in a single day with one deep probe to at least 50 feet (depending on the soil types).

The on site laboratory will be Transglobal Environmental Geochemistry (TEG). TEG has been working with the RWQCB over the last two years during the development of the RWQCB WIP soil gas survey guidelines and is one of the RWQCB approved contractors for this work.

If you have any questions on the soil gas survey or TEG, please call Mr. Phillip Chandler of the RWQCB at (213) 266-7537 or myself at (310) 427-5999. This soil gas survey is being scheduled for the last week in November or the first week in December 1993 due to the permits needed from the Los Angeles County Department Public Work for the deep soil gas probe work.

Sincerely,

CET ENVIRONMENTAL SERVICES, INC.

Brian A. Beck, RG
Manager of Geosciences

cc: Howard L. Kay, Tedesco Leasing
Phillip Chandler, RWQCB
Steve Davis, CET

CET ENVIRONMENTAL SERVICES, INC.
3447 ATLANTIC AVENUE, SUITE 300
LONG BEACH, CALIFORNIA 90807
(310) 427-5999 - FAX (310) 427-0576

FACSIMILE TRANSMITTAL COVER SHEET

TO: LACFD - Health & Hazmat	**DATE:** 15 Dec 93
ATTENTION: Mr. Philip Kani	**# OF PAGES:** 2
Please Call [ ] URGENT [ ] Reply not Necessary [ ]	**FAX #** 213 890-4046
FROM: Nancy Edwards/Brian Beck	**TIME SENT:**
SUBJECT: 4933 Firestone Blvd. South Gate	[ ] **Original to Follow** [X] **No Original to Follow**

MESSAGE: Proposed soil gas survey locations.

Please let us know if you have any questions, or if locations are not clear.

Attention: If you have not received all of the above mentioned pages, please advise by calling or FAXING to the numbers above. Thank You!

ADJACENT BUILDING
PARKING AREA
EXPOSED SOIL
OFFICE
RESTROOM
COUNTER
BUFFING AREA
STORAGE AREA
FORMER PROCESSING AREA
TRENCH
EXPOSED SOIL
FIRESTONE BOULEVARD
MASON STREET
ASPHALT
ADJACENT BUILDING
SCALE
BUILDING
EXPLANATION
FORMER HAND AUGER BORING LOCATION AND DESIGNATION
BORING LOCATION AND DESIGNATION
HAND AUGER BORING LOCATION AND DESIGNATION
PROPOSED VERTICAL BORING
PROPOSED ANGLE BORING
PROPOSED HAND AUGER BORING
Proposed Soil Gas Survey Locations
NOTES
1) ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2) BASE MAP DEVELOPED FROM A SITE RECONNAISSANCE CONDUCTED BY APPLIED GEOSCIENCES INC.
NORTH
0
10
20
SCALE, FEET
APPLIED GEOSCIENCES INC.
Environmental Consultants
SITE PLAN WITH PROPOSED BORING LOCATIONS
PROJECT NUMBER A9120089
FIGURE

APPLIED GEOSCIENCES INC.
Environmental Consultants

10/6/93

29B Technology Drive
Suite 100
Irvine, CA 92718
TEL: 714/453-8545
FAX: 714/453-0510

1 October 1993
A912008D

County of Los Angeles
Fire Department
Hazardous Materials Control Board
5825 Rickenbacker Road
Los Angeles, California 90017

Attention: Mr. Phil Kani

SUBJECT: EXTENSION FOR SUBMITTAL OF WORKPLAN; MONDO'S SHOW CHROME

Dear Mr. Kani:

This letter has been prepared to document your agreement for a 30 day extension on the submittal of the workplan for further characterization of the Mondo's Show Chrome facility in Southgate, California. As mentioned ont he phone message, the owner of the site has submitted a claim to their insurance company has requested additional time to review the existing data and evaluate the proposed scope of future work. Also, as mentioned, have taken over the role of project manager for the project and as such, all correspondence to Applied Geosciences Inc. should be directed to me.

We appreciate your cooperation and thank you for your understanding. If you have any questions, please feel free to contact me.

Very truly yours,
APPLIED GEOSCIENCES INC.

Mark S. Cousineau, R.E.A.
President

cc: Mr. Howard Kay

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
1320 NORTH EASTERN AVENUE
LOS ANGELES, CALIFORNIA 90063-3294

Refer reply to:
HEALTH HAZARDOUS MATERIALS DIVISION
5825 Rickenbacker Rd
Commerce CA 90040

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

August 3, 1993

Mr. Joseph Tedesco
4988 Firestone Blvd.
South Gate, CA 90280

Dear Mr. Tedesco:

SUBJECT: MONDO'S SHOW CHROME - 4933 FIRESTONE BLVD. SOUTH GATE, CA

This letter is to confirm the meeting held on July 26, 1993, between Howard Kay representing you, David Henry of Applied Geosciences Inc. and Thomas Klinger and Philip Kani of my staff regarding the above site. During this meeting, Mr. Kay and Mr. Henry were informed that the site has not been adequately characterized. The full and complete nature, concentration and lateral and vertical extent of contamination must be defined prior to remediation.

You are hereby directed to submit to this office a workplan using the standard of the Site Mitigation Unit's guidance document for the further characterization of the site by September 30, 1993. The workplan must be reviewed and approved by this Department prior to commencement of work.

If you have any questions, please feel free to call Philip V. Kani at (213) 890-4113.

Very truly yours,

WILLIAM JONES, M.S., MANAGER
SPECIAL OPERATIONS SECTION
HEALTH HAZARDOUS MATERIALS DIVISION

WJ:PK080293

cc: Henry
Kay

8/4/93

July 28, 1993

Mr. Philip Kani
Mr. Thomas Klinger
Los Angeles Count Fire Department
5825 Rickenbacker Rd.
Commerce, CA 90040

RE: 4933 Firestone Blvd., South Gate, CA 90280

Dear Sirs:

This letter shall authorize Howard L. Kay of The Kay Companies to act as my agent in reference to the above property. Mr. Kay is handling this project on my behalf because Mondo Chrome (past tenant) caused a potential problem at this site.

Sincerely,

Joe S. Tedesco, Co-Owner
Tedesco Leasing

APPLIED GEOSCIENCES INC.
Environmental Consultants

298 Technology Drive
Suite 100
Irvine, CA 92718
TEL: 714/453-8545
FAX: 714/453-0510

TELECOPY MESSAGE

TO: LA County Fire

Attn: Mr. Phil Kawi

NO. OF PAGES: 1
(INCLUDING THIS PAGE)

FAX NO.: 213 890-4046

FROM: Dave Henry

DATE: 7/21/93

IF YOU HAVE TROUBLE RECEIVING THIS INFORMATION, OR YOU DID NOT RECEIVE THE SPECIFIED NUMBER OF PAGES SHOWN ABOVE, PLEASE CALL (714) 453-8545.

COMMENTS: MONDOS SHOW CHROME

Thanks for the call back yesterday
and I'm sorry I missed you.
We do need to know if a short
meeting with you is ok for
the early part of next week.
The clients representatives would
like to do this on Tuesday afternoon
at 2:30 pm, but is in L.A. from
Denver
Thurs

Dave Henry

APPLIED GEOSCIENCES INC.
Environmental Consultants

298 Technology Drive
Suite 100
Irvine, CA 92718
TEL: 714/453-8545
FAX: 714/453-0510

TELECOPY MESSAGE

TO: L.A. County Fire Department
Hazardous Materials Control Program
Attn: Mr. Phil Kaul

NO. OF PAGES: 2
(INCLUDING THIS PAGE)

FAX NO.: 213 890 4096

FROM: Dave Henry

DATE: 7/19

IF YOU HAVE TROUBLE RECEIVING THIS INFORMATION, OR YOU DID NOT RECEIVE THE SPECIFIED NUMBER OF PAGES SHOWN ABOVE, PLEASE CALL (714) 453-8545.

COMMENTS: Fox Hondos Shoe Chrome
9933 Firestone, South Gate

We would like to request a short meeting with you some time either Monday Tuesday or Wednesday of next week. The property manager for the owner will be in the L.A. area from Denver. The best time for her (Howard Kay) would be on Tuesday the 27th at 2:30 pm. Please let me know if this is ok. I've also included an agenda for the meeting items.

AGENDA
FOR MEETING

SUBJECT: MONDO'S SHOW CHROME
4933 FIRESTONE BLVD.
SOUTH GATE, CALIFORNIA

David M. Henry - Applied Geosciences Inc.
Howard Kay - Property Owners Representative

PURPOSE OF THE MEETING

- Clarify the interpretations of the work done to date,
- Solicit the Fire Departments input as to the proposed actions to be taken.

ITEMS TO BE DISCUSSED

- A review of the work done to date, focused on the distribution of chromium and PCE,
- Need for additional subsurface investigation,
- Review of the hexavalent chromium issue
- Proposed remedial actions,
  - Clarifier Closure
  - Soil removal for the area north of the adjacent building,
  - A risk assessment for the residual material under the building,
- Actions to be taken in order to allow the building to be used.

APPLIED GEOSCIENCES INC.
Environmental Consultants

298 Technology Drive
Suite 100
Irvine, CA 92718
TEL: 714/453-8545
FAX: 714/453-0510

TELECOPY MESSAGE

TO: HAZ MAT CONTROL PROGRAM
MR. PHILLIP KANJ

NO. OF PAGES: 5
(INCLUDING THIS PAGE)

FAX NO.: 213 890 4046

FROM: JOHN SCHOENE DATE: 4-5-93

IF YOU HAVE TROUBLE RECEIVING THIS INFORMATION, OR YOU DID NOT RECEIVE THE SPECIFIED NUMBER OF PAGES SHOWN ABOVE, PLEASE CALL (714) 453-8545.

COMMENTS:

PHIL. I'D LIKE TO DISCUSS THIS WITH YOU. OUR LAB SAYS THIS IS HOW THEY'VE OPERATED SO FAR. THAT IS, 24 HOUR HOLD APPLYING TO LEACHATE, NOT SOIL.

REGS,
JOHN

WEST COAST ANALYTICAL SERVICE, INC.
Analytical Chemists
9840 Alburtis Avenue Santa Fe Springs, CA 90670
213/948-2225 FAX 213/948-5850

FAX REPORT

Date 3-30-93

Fax No. 714-453-0510

Company Name Appl Geo

Location

Attn: John Schoepf

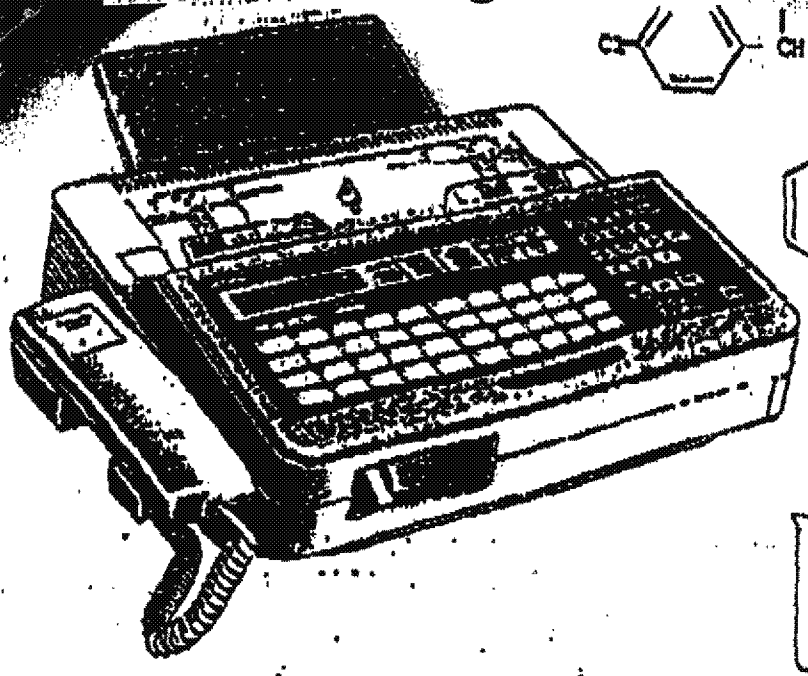
FAX
3-30-9358
RECEIVED

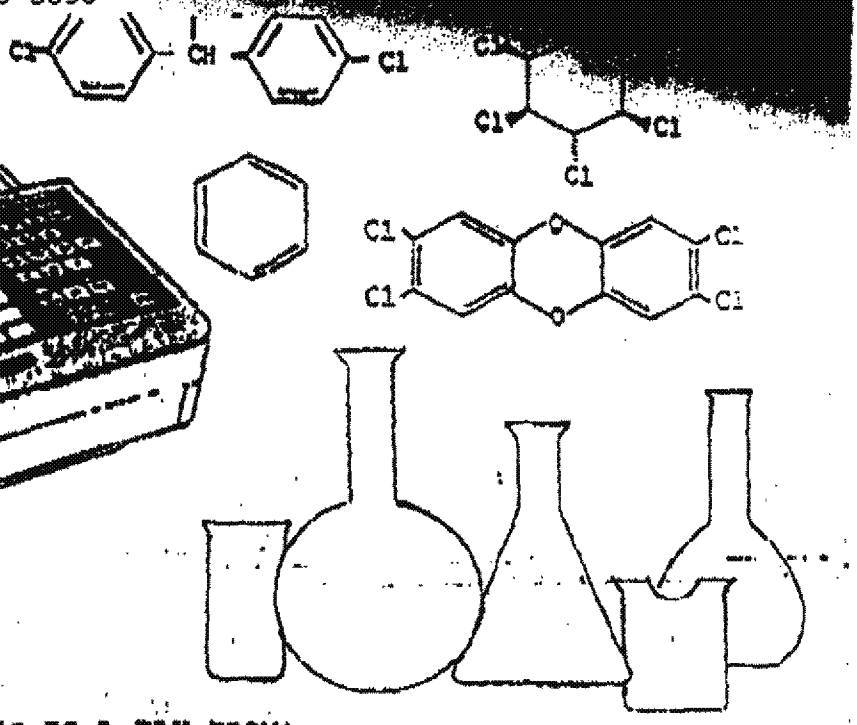
REFERENCE:

John - I called DHS for their interpretation of the Cr^{+6} holding time. Here is a copy of their FAX. There is no specific holding time for soils. You should FAX this to LA County.

From: Jack **Time:** 4:12 pm

Number of pages in this transmittal 4





THIS IS A FAX FROM:

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM (ELAP)
CALIFORNIA DEPARTMENT OF HEALTH SERVICES
1449 WEST TEMPLE STREET, ROOM 231
LOS ANGELES, CALIFORNIA 90026-5698
(213) 620-3564
ATSS 8/640-3564
FAX (213) 620-2331 ATSS FAX 8/640-2331

DATE: March 30, 1993

TO: Dr. Jack Northington - West Coast Analytical

PHONE NO: ( ) _____ FAX NO: (310) 945-5860

FROM: Peter Wong

PHONE NO: (213) 620-4055

ATSS (8) _____

NUMBER OF PAGES TRANSMITTED (INCLUDING COVER SHEET): 3

4/21 Mike Sheeton (310) 948-2225 advis chgs w/ Janice of ELAP

Memorandum

To Bart
KKL

Date : August 16, 1990

Subject: Chromium (IV)

From Nelson
KLAP

On behalf of Dr. George Kulasingam and Mr. J. R. Dornan and their requests on August 16, 1990, that I write this letter to you asking your assistance in the following matters:

(1) The holding time for Cr(VI) in water sample is 24 hours. What is the holding time in soil samples?

(2) According to Title 22, the approved method to analyze Cr(+6) is the 2nd edition of SW-846. Has the state accepted the 3rd edition for Cr(+6) and other analytes?

(3) When the Cr(+6) analytical result is less than the TTLC limit, but above STLC limit an analysis for STLC is required. Does not the acid digestion change the oxidation state of the Cr(+6), if there are oxidizable components in the sample? The method 3060 is the alkaline digestion for Cr(+6), but was dropped in the 3rd edition of SW846. Would not 3060 or similar alkaline digestion be better for Cr(+6)?

WEST COAST ANALYTICAL SERVICE, INC.
Analytical Chemists
9840 Alburtis Avenue Santa Fe Springs, CA 90670
213/948-2225 FAX 213/948-5850

FAX REPORT

Date 4-7-93

Fax No. 213-890-4046

Company Name LA County Haz Mat

Location _____

Attn: Phil Kani

REFERENCE: the missing letter

Cr^{+6}

From: Jack Northington **Time:** 10 40

Number of pages in this transmittal 2

State of California Department of Health Services

Memorandum

To : Nelson Lan
Environmental Laboratory
Accreditation Program
1625 Shattuck Avenue
Berkeley, CA 94704

Date : August 28, 1990

Subject: Chromium VI

From : Hazardous Materials Laboratory
2151 Berkeley Way, Room 334
Berkeley, CA 94704

The following is in response to your memo of August 16.

(1) Given the variable nature of Cr(VI), we cannot recommend a specific holding time for soil samples in general. However, samples should be kept near 4 degrees C. from the time of collection and analyzed as soon as possible. If samples are extracted using the Waste Extraction Test, the extracts should <u>not</u> be preserved with nitric acid, and the extracts should be analyzed within 24 hours after the completion of extraction.

(2) The approved digestion method for total Cr(VI) in solid samples is still Method 3060, from the 2nd edition, SW-846 in spite of the fact that 3060 often has low recoveries and poor precision. The digest may be analyzed by Methods 7195, 7196, 7197, or 7198, from the 3rd edition, SW-846.

(3) As with other metals, if the total Cr(VI) result is less than the TTLC of 500 mg/kg but greater than 10XSTLC = 50 mg/kg, then the sample should be extracted with the Waste Extraction Test and the extract analyzed using 7195, 7196, 7197, or 7198. It should be recognized that Cr(VI) is subject to reduction under acidic conditions, and recoveries from the Waste Extraction Test are often poor. We are currently investigating alternative extraction tests for Cr(VI), but cannot recommend any alternatives now.

7195-2
7196-2
7197-2 ASAP

Bart (510) 540-3112

Bart Simmons
Environmental Biochemist

cc: mark on pins to analysis 24 hr

7196A
1/1/1990

TOTAL P.03

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
1320 NORTH EASTERN AVENUE
LOS ANGELES, CALIFORNIA 90063-3294

Refer reply to:
HEALTH HAZARDOUS MATERIALS DIVISION
5825 Rickenbacker Rd
Commerce CA 90040

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

March 17, 1993

Mr. Joseph Tedesco
4988 Firestone Blvd.
South Gate, CA 90280

Dear Mr. Tedesco:

SUBJECT: MONDO'S SHOW CHROME - 4933 FIRESTONE BLVD., SOUTH GATE CA

This Department has completed a review of the "Site Characterization of the Former Mondo's Show Chrome Facility", dated November 3, 1992, submitted by your consultant, Applied Geosciences Inc.. Based on this review, the report lacks critical information and cannot be approved.

Therefore, you are hereby directed to submit by June 1, 1993 a workplan which meets the standards set forth in this Department's "Guidance for Site Mitigation Workplans" and includes the following:

1. A proposal for additional borings throughout the site which will fully define the lateral and vertical extent of the contamination.

2. Complete geologic and hydrologic information on the site and the surrounding area that relates to the potential for groundwater and surface water contamination as described in section 2.4 of this Department's "Guidance for Site Mitigation Workplans".

3. Information in the above submitted report indicated that the holding times for chrome VI analysis exceeded the twenty four time frames mandated in SW - 846. The results from the Chrome VI analysis cannot be used to verify an area is clean, and additional analysis should be performed.

If you have any questions, please feel free to call Philip V. Kani at (213) 890-4113.

Very truly yours,

P. MICHAEL FREEMAN

By
WILLIAM JONES, M.S.
MANAGER, INVESTIGATIVE SECTION
HEALTH HAZARDOUS MATERIALS DIVISION

WJ: PK031693

cc: Schoepf, AGI

3/14/94
RK

CET Environmental
Services, Inc.

14761 Bentley Circle
Tustin, California 92680
Telephone: (714) 505-1800
Fax: (714) 505-0987

March 14, 1993
CET Project No. 2091

Mr. Phil Kani
Los Angeles County Fire Department
Hazardous Materials Control Program
5825 Rickenbacher Road
Los Angeles, CA 90040

Subject: **Proposed Work Schedule for the Former Mondo's Show Chrome Site, 4933 Firestone Boulevard, Southgate, California.**

Dear Mr. Kani:

CET Environmental Services, Inc. (CET) has selected the week of April 4-8, 1994 to perform the field work at the Former Mondo's Chrome site. The soil gas company was contacted about scheduling the mobile laboratory and stratoprobe, and they would only be able to perform the work on April 7, 1994. It is expected that all work will be performed on Thursday the 7th. The initial site health and safety meeting will be held about 7:00 am, on April 7, 1994. Sampling will be initiated around 8:00 am after the mobil laboratory has been set up. Please feel free to bring anyone along who wishes to observe the field work. If you have any questions, please contact us at (714) 505-1800.

Sincerely,

WORK

CET ENVIRONMENTAL SERVICES, INC.

David K. Low
Geologist

cc: Mr. Brian Beck, CET Environmental Services, Inc.
Mr. Howard Kay, Tedesco Leasing
Project File

1/6/94 T/C from Low said soil gas not on 4/7 3:30pm